

41969-42799

Stock 72.

41010-1014

41143-1152

→ 42370-2382

E. P. Killip

Smithsonian Institution
Washington, D.C.

Big Pine 9m
Big Pine Key, Fla.

E. P. Killip, 620 Eaton Street
Key West, Florida

24960-197068 - Acc. 2/4/53

77 Phas. (sent for specimens)

25115-198808 - Acc. 7/8/53

1090 Fla. & Texas

25209 -

10/20/53

1300 9. P.

50174

Manufactured by
U. S. Government Printing Office

Fla, West U.S.

I. of Pines 1952-53

41969-42799

↓

41969 *Gerardia maritima* var. *graciliflora* ^{Benth.} 3
Erect herb, branched only below middle;
cor. pinkish blue.

41970 *Chara hornemannii* Waldm. 6
Det. F.K. Daily

41970 a+b (see bottom of this page)
41971 *Batophora acrostichii* J. Ag. 5
Covering roots of *Rhizophora*
Pl. ~~light~~ y-g. *Batophora acrostichii* (Kütz.)

41972 *Scytonema figuratum* Born. o. Flah. 4
Det. Brown
In dense "bells" attached to *Rhizophora* or floating
Pl. dark green, appearing nearly black in water

41973 *Laurencia obtusa* (Huds.) Lamour. 4
Pl. y-g, forming dense masses
attached to bottom of sea

41974 *Anadyomene stellata* (Wulf.) 1
Flabellate. Pl. green Det. E. P. Killip Ag.
! Taylor

41975 *Rhipocephalus phoenix* f. *brevifolius* 3 Epp
Near *Permicillus*; spikes cyl., segmented brown 3

41976 *Periclis capitatus* Lam. 4

41976a. " *lumetous* Blainv. 2

41977 *Halimeda monile* (E. & S.) 1
Det. E. P. Killip ! Taylor Lamour.

41970a. *Oscillatoria laticornis* Jansp. 1
41970b. *Gomphosphaeria gagonima* (Kütz.) 1

Big Pine Key: Flats near north 3/4/52
Pine Bridge

B. F. In deep saline water of
channel along highway near north
Pine bridge to Torch Key

B. F.

B. F. 6/52

B. F. ~~Channel~~ ^{mouth of} ~~along north~~ Pine
Bridge to Torch Key, at
end of road.

B. F.

F

F

F

Mixture of 2 sp. of Laurencia,
41978 *Polysiphonia* sp. or *Batophora* *conditii* 3

41979 Mixture of *Polysiphonia* not identifiable 2
Like *Podoc. fr.*

41979a *Polysiphonia* 6
41980 *Ceramium nitens* (C. Ag.) J. Ag. 2

41981 *Dichonete angusta* (Gray) Small 1
Cr. pinkish blue.

41982 *Lactuca intybacea* Jacq. 0
Fls. light y

41983 *Rhacoma ilicifolia* (Poir.) Treb. 1
Supp. with prostrate br; ripe fr. bright red, 9mm. long.

41984 *Epithema paniculata* (Jacq.) Radlk. 3
Tree ± 9m. high, branched at top
fls. wh., 8-9mm. wide (same tr as 40968)

41985 *Polygala leiodes* (Blake) 1
Fls. purple.

41986 *Ditaxis ~~fruticosa~~ blodgettii* 1
Er. herb; fls. green. (Torr.) Pax

Big Pine Key: Channel Above 3/4/52
B, F North Pine bridge

F North of bridge to Torch Key,
at end of road.

B, F (Mixture of there as 41979 41979)
F

P-p. woods n.w. of 7mm

Edge of "

Along old E-W road, n.e. of 7mm; 3/6/52
Lactuca

Edge of p-p woods near west
end of first E-W road of new
development.

Edge of Lactuca near
Savannah Home

41987 *Physalis angustifolia* Nutt 1
Er. herb, ± succulent; root very long;
cor light y. ^{purple at center} 1.5-2 cm. diam. wide

41988 *Indigofera mineata* Ortega 4
Stems & br. subprostrate, from a long, thick
root; fls. salmon-pink; ^{st. 5 mm. wide, 5 mm} long; wings 5 mm. long.

41989 *Evolvulus micilentus* Small 1
Slender suberect or straggling herb; cor
wh, the limb 5-6 mm. wide.

41990 *Crotalaria maritima* var. *linaria* ^(France) 1
H. with prostrate or ascending br; fls. y

41991 *Asclepiodora viridis* (Walt.) Gray 0
Crane, erect herb; corolla y-gr; corona
purple.

41992 *Rhynchosia parvifolia* DC. 5
~~St. y.~~ Diffusely branched vine;
pet. y.

41993 *Commelina communis* L. 1
^{annual} Suberect herb, succulent; cor 3 outer a
1 inner per. seg. white, 2 inner blue.

41994 *Rhynchosia cinerea* Nash 3
Subsp. vine; pet. y

41995 *Abilgaardia monostachya* 0
(Z.) Vahl

Big Pine Key: P.p. woods n.e. of 3/6/52
7m

Bf

Bft

f

bf

B

Bf

3/7/52

41996 *Ambrosia hispida* Pursh 1
Stem prostrate.

41997 *Drypetes lateriflora* 1

41998 *Pongamia pinnata* (L.) 1
Tree. Planted. (Det. Leonard) Merr.

41999 *Dysoxia tenuiloba* 1
Rays yellow. (Det.) Robins. Det. Blake
(small comb, with filiform lvs. - collected here)

42000 *Colubrina asiatica* (L.) Brongn. 4
Shrub $\pm$ 1.5 m. high, spreading branches. Specimens
show fresh lvs & old fruit

42001 *Sphenomeria clavata* (L.) Meisn 2

42002 *Scytonema ocellatum* 5
Bf sup green

42003 *Vernonia blodgettii* Small 0
Fappus to greenish wh

42004 *Geobalanus oblongifolius* (Mx.) Small 1
Shrub
Branches prostrate, at length erect, to
 $\pm$ 20 cm. high. Large colonies
here.

Big Pine Key: Halsey Beach 3/9/52
Bf Road

Southeast Hammock 3/10/52
(near channel) J. Dickson, coll.

Key West: Cemetery? or Miami? 3/12/52
Mrs. Elmy Bonney, coll.

" " Cemetery 3/15/52
Emil coll.

bf Big Pine Key: north bank of highway 3/23/52
+ t near "deer" sign east of tollgate.

Drillhole near Annona 3/14/52
drillhole, so. of artificial lake

Moist mud, marsh sw. of
artificial lake.

f P-p. woods sw. of art. lake

ft. 2 F.

42005 *Funaria* ~~or insect work~~ 5 0
On leaves

42006 *Diplazium salicifolium* (L.) acc. 3
Tr. 2.5-3 m. high (sterile)
(same loc. as 41015)

42007 *Evolvulus alainoides* var. *quadrangulus* 2
Plant suberect; cor. wh., ± 7 mm. wh. *Mexico*

42008 *Gaura* 0
H, branched near base, branches slightly ascending to
nearly erect, to 60 cm. long; petals pi, 5 mm. long

42009 *Poponax macracanthoides* 2
(Bent.) B & R.
Tree, with thick trunk bearing long spines

42010 *Tamarindus indica* L. 1
Tree

42011 *Rhabdadenia corallicola* Small 0
E. h; cor. light yellow.

42012 *Vernonia blodgettii* Small 1
50-60 cm. h.
E. herb; rays deep blue

42013 *Vachellia farnesiana* (L.) W. & A. 1
Tree 2-3 m. high

Big Pine Key: Stunted *Conocarpus* 3/14/52
stand west of artificial lake.

Coastal thickets north of
trail to Watson Hammock
along road to north end of key.
North end of Key, west
of bay; sabanas. 3/16/52

T (cent) Close to road, 7 phone poles above 3/18/52
from west side of road.

Key Vaca: Key Vaca across highway
from Ciano property and east of it.
Adelle Koto, coll.

Big Pine Key: Long Beach
Adelle Koto, coll.

F Road to Watson Hammock 3/19/52
at road

Watson Hammock; in open

Guzilandina crista (L.) Small
42014 ~~Guzilandina~~
Staggyris vir.

42015 *Chamaecypariss* *leymis* or *garberi*
Pl. erect, pub. throughout; fls. 1.2 mm. wide, white,
purple toward center; capsule 2 mm. wide

42016 *Evolvulus glaber* Spreng.
Pl. prostrate; cor. wh. $\pm 8-9$ mm. wide -

42017 *Lyngbya aestuarii* Gom. 10
B⁹ mud-up circle det. Brown

B⁹ 42018 *Microcoleus chthonoplastes* 6
moist soil of ~~circle~~ pool

42018a *Thioploca intricata* Wisl. 2

42019 *Capparis cynophallophora* L.
Sh. ± 75 cm high sterile

42020 *Tillandsia balbisiana*?
Sp. in *Conocarpus*. Fruit brown.

42021 *Cnidiscus stimulosus* (Mx.) Gray
Pet. wh.

42022 *Eleocharis sinterisii* Boeckl.

2 off Big Pine Key: Clearing ^{west} north of
Watson Hammock

3/19/52

1 BP

Clearing NE of Watson
Hammock; grassland

1

F 6/52

East extension of Watson
Conocarpus hammondi;
+ in open.

1 f

1 b

0 f

Road to Watson Hammock.

0 bf

42023 *Pithecellobium unguis-cati* (L.) Benth.
Tree; cor. & stamens wh.

42024 *Acanthocereus floridanus* Small
Pl. prostrate. Branches 6-angled. This is
a young plant. Lvs. br. are 3-angled

42025 *Ocimum micranthum* Willd.
H. h. 60-75 cm. high; calyx purple;
cor. blue

42026 *Opuntia ochrocentra* Small
Pl. about 60 cm. high, much branched;
spines gray.

42027 *Cyperus* sp.
In a dense clump. Spikes stramineous brown

42028 ^{*Terminalia*} ~~*Opuntia*~~ *catappa* L.
Pl. about 60 cm. high, much branched
Tree 5 m. high

42029 *Leucaena glauca* (L.) Benth.
Small tree or shrub, 2-3 m. high; stamens
wh.

42030 *Heliotropium anassoricum* L.
Succ. herb, with a thick root; cor. wh.

42031 *Aster braccia* Britton
Rays wh.

Big Pine Key: Southeast Hammock 3/19/52

bf + T

bf + T

bf

newly cut road; in middle
of road.

b + t

Near house on old E-W road 3/22/52
N.E. of 9 m.

f

Old E-W road N.E. of 9 m.

b

Field in 1st N-S road of
new development N.E. of 9 m

42032 *Polysiphonia* 6
Plant reddish. In shallow water
near shore. ? = 1929 which is Polysiphonia

42033 *Nalimeda operculata* var. *typica* 4
Pl. wh. Attached to bottom of sea
in dense growth of various algae

42034 *Dictyopteria delicatula* Lamour. 6
Pl. y-g (few branched) Det. E. P. Killip ! Taylor

42035 *Chondria tomentosa* (S. & W.) 5
Pl. yg (faintly cut) C. ag.

42036 *Laurencia gemmifera* Harv. 7
Pl. yg (coarse)

42037 *Laurencia obtusa* (Huds.) J. Ag. 10
Pl. yg (medium) Lamour.

42038 *Cladophora fuliginosa* Kütz. 2
Pl. very dark green,

42039 *Caulerpa cymosa* (Vahl) 1
Reperit Det. E. P. Killip ! Taylor C. ag.

42040 *Amphiroa fragillissima* (L.) 1
Pl. yellowish wh. Hedgehog type but Lamour.
branches less compact Det. E. P. Killip ! Taylor

B
F Big Pine Key: Ziegner Beach. 3/22/52

F
Det. E. P. Killip ! Taylor

B F

B F

B, F

B, F

F

F

42041 *Acetabularia crenulata* Lamour.

"Furrows" sometimes 2 to a stem Det. E. P. Killip 1
! Taylor

42042 *Penicellus lamourouxii* Dec. 1

Division very coarse; heads globose, green

42043 *Cladophora fuliginosa* Kütz. 2

In dense, subglobose masses. ~~to~~
Blackish (perhaps due to oil or tar in water)

42044 *Polycaiphonis* 1

Finely cut

42045 *Dictyopteris delicatula* ^{dichotoma (Huds.) Lamour.} 1

Staghorn, flat form Det. E. P. Killip Lamour.

42046 Not identifiable Destroyed 1
w/Pl. green; very finely cut

42047 *Caulerpa cymosa* 2

Stem repent (Vahl) C. Ag.
Det. E. P. Killip ! Taylor

42048 *Laurencia intricata* Lamour. 1

Very finely cut (form)

42049 *Udotea flabellum* 1

Flabellate (Ell. & Sol.) Howe
Det. E. P. Killip ! Taylor

Big Pine Key: Ziegner Beach 3/22/52

~~Long Beach (near 3/23/52
trailer parking lot)~~

B-F Long Beach (near trailer parking lot) 3/23/52

F

or *D. indica* Sonder across Collins
! Taylor

42050 *Periclius capitatus* Lam. 2
Pl. green. Fine divisions

42051 *Periclius lamourouxii* 1
" " " Coarse... det. Taylor

42052 *Chondria sedifolia* Harv. 2
Pl. y-g (incl. cut)

42053 *Dasya pedicellata* (C. Ag.) C. Ag. 2
Stems, but with fine hairs (another algae?) at
ends of branches

42054 *Laurencia papilosa* (Forsk.) Gr. 3
Pl. bright y-g, in dense masses at or below
sea

42055 *Caulerpa paspaloides* Borg 4
Stem erect, to 1.5 m. in height, branches
erect Det. E. P. Killip! Taylor

42056 *Indigofera tinctoria* L. 2
~~*maritima* Spreng.~~
Sh 1.3-1.4 m. high. Keys on leaves to 9. tinctoria

42057 *Acanthopora spicifera* 8
MA Pl. dark green. (Vahl) Borg.

42058 *Dasya pedicellata* (C. Ag.) C. Ag. 1
(flat, with a few hairs)

F
Big Pine Key: Long Beach 3/23/52
(near trailer parking lot)

F

D F

B. F Shell Beach, $\pm \frac{2}{3}$ way to first 3/24/52
point west of road

1 Key West: Waste places near Sunnyside 3/25/52
St. toward South Beach

B. F Big Pine Key: Long Beach, near 3/26/52
first bend in road

MB Many of these are duplicated
in nos 41720-41728 but present
lot were collected with good bases
to show branching

42059 *Dasya pedicellata* (C. Ag.) C. Ag. 1
(Flat, with no hairs)

42060 *Encheuma isiforme* (C. Ag.) J. Ag. 3

42061 *Ceramium* 4

Very delicate, removed from fronds of 42057
(Habit not sufficiently displayed - Taylor)

42062 *Dasya pedicellata* (C. Ag.) J. Ag. 1
Dichotomous fr.; with small globules

42063 *Distyphoria delicatula* Lamour.
The flat, small, few-br. = 42045 (q.v.)

42064 *Laurencia papillosa* (Forsk.) 5
Small fls; coarse fronds. Green.

42065 *Cladophoropsis membranacea* (C. Ag.) Borg. 7
Closely adhering to wave-washed rocks, giving
them a striking yellow-green appearance.

42066 *Spirindia filamentosa* 2
(Wulf.) Harv. ~~Harv.~~

42067 *Diapodium assurgens* (L.) Kuntze 7
Er. herb 60-100 cm. high, much branched
above middle, the br. ascending; corolla
red.

Big Pine Key: Long Beach, near
first bend in road

3/26/52

B. F

B F

no 20 f

= 17.24 at 13 f

F

B. F

F

Clearing at edge of Southeast
Hammock $\pm$ 250 ft. south of
abandoned shacks.

from 42068 (Phan) all sent us last thing;
1 sample label written (at 2.g.) Beyond here not in water

42068 *Pisonia rotundata* Griseb.
Sh. 50-100 cm. high, much-branched, with
rounded crown; fls. green.

42069 *Sabbatia caespitosa* (L.) Torr.
Er. l.; cor. pi. *stellaris* Pursh

42070 *Ruellia heteromorpha* Fernald
Cor. pinkish blue

42071 *Neptunia floridana* Swacc
Branches prostrate, stem from a long, thickish
root; stamens bright y.

42072 *Pysonima lucida* (L.) Rich.
Low shrub to a good-sized tree; petals wh.,
pi. or rarely red.

42073 B.G. *Microcoleus chthonoplastes* 10
Pl. bright gr. On white soil in ~~def~~ rut of road
just dried through evaporation of rain water.

42074 *Bumelia*
Tree

42075 *Pluchea foetida* (L.) B&P.
Heads purple

42076 *Ammannia latifolia* L.

Send F, T, & B

Big Pine Key: Pine-palau woods
northwest of 9 mi.

3/29/52

1 + T (send F and ex.)

0 6

2

5

2

3

0

Saline flats north of
Shell Beach

Along old E.W. road NE of
Tues; hammock.

3/31/52

Marshy ground in E.W. road near
Johnson house

for T

42077 *Solidago petiolata* Virel.
Habit bright yellow.

42078 *Flaveria latifolia* (J.R. Johnston) Rydb.
Stem simple or few-br. toward base.
± 50 cm. high; infl. rich y.

42079 *Heliotropium curranianum* L.
Flowering herb; branches prostrate; cor. wh.

42080 *Chrysobalanus icaco*.
(same data as 41475)

42081 *Picidia communis* (Blake) Harris
Tree ± 2.5 m. high; bark of tr. 10 mm. w. & l.; bl. of
wing 7 mm. wide; petals all pink, the claws white

42082 *Desmodium tortuosum*

42083 *Rhizoclonium hieroglyphicum* (Ag.)
Pl. light green. On moist soil in forest.
Sphenomeria similar. det. Cronq. 2

42084 *Centella asiatica* (L.) Urb.
Herb flat on ground. Fls. 4 mm. wide, pinkish wh.

42085 *Cordia sebestena* L.
Tree; cor. orange.

Big Pine Key: Along same first road
Habit F. mostly hard low.
as 41475

3. Soil 1 sp. back to BP to show size of loc.

4. Opp. old SRD camp (introduced
in beach and
brought in)

f (same as 41475) coll. John Dickson 3/7/52

P. p. woods bet. Halligan Beach road 4/1/52
or artificial lake

Beginning of road to Watson
Hammock.

F 4/52

"Lobelia" bog to north of road.

6

f T

Watson Hammock, near
midden

42086 ? *Cutella acutica* (L.) Griseb.
Seedling?

42087 *Parthenocissus quinquefolia*
Vine (sterile) (Z.) Planch.

42088 *Dryopteris normalis* C. Chr. 1
In sinkhole

42089 *Sisyrinchium*
Per. blue

42090 *Pterocaulon undulatum* (Walt.)
Infl. wh. Keolm

42091 *Digenea simplex* (Wulf.) 4
Det. E. P. Killip! *D. ag.*

42092 *Cinchus gracillimus* Nash 2 2
Det. Johns

42093 *Laurencia papillosa* 7
(Forst.) Griseb. (ex *parvifolia* -
Thylen)

42094 *Hypelate trifoliata* Sw.
Tree, br. at base, 4-4.5 m. high

Big Pine Key: Bottom of sinkhole
(clearing) near Watson Hammock

4/1/52

4 Edge of Watson Hammock

1 Edge of p. woods along ^{road} trail to
Watson Hammock.

Up to F

Shell Beach: Channel east of road
F

Summerland Key: roadside.

4/3/52

Big Pine Shell Beach: Channel east
of road
F, B

Hammock, north side of
Clearing for road next to
Saunders house, ^{north side}
former

4/6/52

4
42095 *Eustoma exaltatum* (L.) Griseb
E. h.; cor. orch-color, purple at center
within.

42096

42097

42098

42099

42100 *Fimbristylis* ^{*spadicea* (L.) Vahl}
~~*castanea* (Vahl)~~ 2

42101 *Gracillaria confervoides* (Z.)
Det. E. P. Killip Grav. 1
fl. deep green Taylor

42102 *Calceola adentula* var. *pinnatifida* 1
(Stokes) O.E. Schulz
Long succulent herb; pet. per
Det. C.V. Morton

42103 *Erigeron repens* Gray 2
Det. S. F. Blake
Infl. wh.

Big Pine Key: along first N-S road 4/5/52
Sand SP
" Forest of new development N.E. of
Tun.

Texas: Brazoria Co. Freeport Beach 4/5/52

Islet north of " "
Catharine Dilts, coll.

Freeport Beach, toward east
end.

Astragalus mitallianus
42104 ~~Det. C. V. Morton~~ DC.

Pt. blue at apex, white below.

42105 ~~Lam.~~ *Heterotheca subaicularis*
Rays yellow. (Lam.) Britton & Shreve

42106 ~~G.~~ *Aphanostephus*
Rays white; florets y. / *skirra* ~~robasis~~ (DC.)
Det. S. F. Blake Presl.

42107 *Verbena xantha* Schum.
Coarse, erect herb; cor. blue Det. C. V. Morton

42108 *Urtica chamaedryoides* Pursh
Slender, erect herb. Det. C. V. Morton

42109 *Vicia ludoviciana* Nutt.
Lax herb; pet. blue Det. C. V. Morton

42110 *Carex cherokeensis* Schwein.
Det. Hermann

42111 *Berchemia scandens* (Mill.) Presl.
Tree ± 2.5 m. Det. C. V. Morton

42112 *Melica nutica* Walt. 3
Det. Johns

Texas: Brazoria Co. Freeport
Beach, toward east end.

4/20/52

Woods along Oyster Creek,
Lake Jackson.

4/21/52

42113 *Dryopteris normalis*
var. *hindheimeri* C. Chr.

Det. G. V. Morton

42114 *Elymus virginicus* var.
glaberrimus (Vasey) Bush
Det. Solms

42115 *Spigelia texana* (T. & G.) A. DC.

Det. G. V. Morton

42116 *Senecio glabellus* Poir.?
Rare y Det. Blake & Hilleb.

42117 *Cornus drummondii* Meyer

T. 3m. high; buds cream-white

Det. G. V. Morton

42118 ~~*Plagiothecium*~~ *micans* (Sw.) Paris 2

On decayed log *Lycopodium carifolium* (Ehrh.) Under.
Det. Lawton

42119 *Penstemon tenuis* Small 3

Cor. blue Det. G. V. Morton

42120 *Carex leavenworthii* Dewey 2

42121 *Stachys agraria* C. & S. 3

Stems erect; corolla blue Det. G. V. Morton

Texas: Brazoria Co.: Woods along
Oyster Creek, Lake Jackson

4/21/52

Edge of woods, Lake Jackson

42122 *Carex Texensis* Bailey
Det. Hermann

42123 *Poa autumnalis* Muhl.
Det. Solms

42124 *Malv.*
Petals pinkish red

42125 *Myosotis macrosperma*
Det. C. V. Morton Engelm.

42126 *Triodanis biflora* (W. & P.) Greene
Cor. blue
Det. C. V. Morton

42127 *Pyrrochloa caroliniana*
Comp; heads yellow
(Walt.) DC.
Det. S. F. Blake

42128 *Passiflora affinis* Engelm. Lutea L.
HV

42129 *Gilia rigida* Benth.
Cor. deep blue, y. at base. Matted herb.
Det. C. V. Morton

42130 *Melampodium leucanthemum*
Rays wh.
Det. S. F. Blake J. & S.

Texas: Brazoria Co. Edge of
woods, Lake Jackson

4/21/52

Lake Jackson & clearing

; lawn

4/23/52

Common, roadside - like plant

4/24/52

; climbing on

fence.

Texas: Val Verde Co. Comstock

4/27/52

42131 *Medicago sativa* L.

Pet. deep blue

Det. C. V. Morton

~~New Mexico~~ ~~Texas~~

New Mexico. Deming, 4300 ft. alt. 7/28/52

42132 *Astragalus lentiginosus* var.

Fls. pinkish blue / *australis* Barneby
(Det. Barneby) - Rare

42133 *Gilia sinuata* Dougl.

Cor. pi.

Det. C. V. Morton

42134 *Rafinesquina neomexicana* Gray

Rays wh., pink-striped without; florets wh.

Det. S. F. Blake

42135 *Phacelia corrugata* Nels.

Cor. blue; herb 30-40 cm. high.

42136 *Malacothrix fendleri* A. Gray

Inf. y.

Det. S. F. Blake

42137 ~~Croton~~

Erodium cicutarium (L.) L'Her.

Det. C. V. Morton

42138 *Meritelia multiflora* (Mutt.)

Pet. y.

J. & G. Det. C. V. Morton

42139 *Discourainia pinnata*

Pet. ^{white} y.

~~for wh. & red color by pet.~~

Subsp. *halictorum*

(Cocherell) Delling

Det. C. V. Morton

42140 *Malacothrix glabrata* Gray
Rays wh; florets y Det. S. F. Blake

42141 *Rafinesquia neomexicana* Gray
Det. S. F. Blake

42142 *Chenactis strevioides* H. & A.
~~Florets wh~~ Heads wh. Det. S. F. Blake

42143 *Lesquerella gordonii* (Gray) Wats.
Pet. bright y Det. C. V. Morton

42144 *Chamaesyce albomarginata* (J. & G.)
Stems prostrate; calyx wh; glands purple
Det. C. V. Morton

42145 *Cuscuta*
On grasses (1 det. Morton, Aug 21, 1952)

42146 *Plantago insularis* Eastw.
Det. C. V. Morton

42147 *Festuca octiflora* Walt.
Det. Solms

42148 *Encelia farinosa* Gray
Thick-br. shrub to $\pm$ 50 cm high; rays y
Det. S. F. Blake

New Mexico: New Aug. border
(same as last page)

4/28/52

Maricopa Co.:

2 Arizona: Tempe, waste places 4/27/52

~~Tempe~~ Tempe Butte, $\pm$ 5/4/52
1300 ft.

42149 *Hordeum stebbinsii* Covas 2
Det. Solms

Cer

42150 *Arcidium microphyllum* (Torr.) 3
Sh. 1.5-2 m. lig. y. pet. y. "Palo verde"
Det. C. V. Morton Rose & folioid

42151 *Schismus barbatus* (L.) 2
Det. Solms Thell.

42152 *Bromus arizonicus* (Shear) 1
(Det. Solms) Stebbins

42153 *Allionia incarnata* L. 2
Fls. pinkish blue Det. C. V. Morton

42154 *Eriastrum eremicum* subsp. 2
Cor. ~~blue~~ blue, tube white. yageri (Jones) Kern
Det. C. V. Morton

42155 *Chorizanthe brevicornis* Torr. 1
Tufts br. g-y, fls. green Det. C. V. Morton

42156 *Lupinus sparsiflorus* Benth. 1
St. & wings blue, heel white Det. C. V. Morton

42157 *Eschscholtzia mexicana* Greene 1
"Poppy" Fls. y. Det. C. V. Morton

Maricopa Co.
Arizona, ~~Little~~ Tempe Butte, 7/4/52
± 1300 ft.

Maricopa Co. Pima Canyon, 5/6/52
near Guadalupe, South Mts.,
± 1700 ft alt.

42158 *Phacelia crenulata* Torr.

^{herb}
Cor. blue; tube pale Det. C. V. Morton

42158a. *Phacelia ramosissima* Dougl.

42159 *Porophyllum gracile* Benth.

Low, slender, erect herb; fls. green, white

^{below}

Det. S. F. Blake

42160 *Nicotiana trigonophylla* Griseb.

Coarse herb ~~2-5m~~ ± 75 cm. tall; corolla

cream white

Det. C. V. Morton

42161 *Parietaria floridana* Nutt.

Weak, subprostrate herb Det. C. V. Morton

42162 *Trixis californica* Kellogg

Sh. ± 75 cm. high, rays & fruit y;
pappus wh.

Det. S. F. Blake

42163 *Encelia farinosa* Gray

Sh. ± 60 ^{cm.} cm. high, rays y Det. S. F. Blake

42164 *Mammillaria microcarpa* Engelm.

Pet. 12, pink; fls. 3-3.5 cm. wide; fl. 6 cm. ~~diam.~~

Det. C. V. Morton

42165 *Lotus saliciginosus* var.

Branches subprostrate, fls. y. / brevixillaria

Det. C. V. Morton

42166 *Mimulus guttatus* DC.

Cor. bright y.

Det. C. V. Morton

2 Arizona: Maricopa Co. ^m Pima Canyon, 5/6/52
Near Guadalupe, South Mts.,
 ± 1700 feet.

Tom Hester, coll.

42167 *Centaurium calycosum* (Buckl.) Fern.
Cor. lobes rich pi., wh. at very base
Det. Ewan

42168 *Petunia parviflora* Juss.
Succ. h., with prostrate branches, fls. blue
Det. C. V. Morton

42169 *Plantago purshii* var. *picta*
Det. C. V. Morton (Morris) Pilger

42170 *Oenothera leptocarpa* Greene
Succ. ~~suffrutescent~~ much-branched herb, with
fls. y. ~~thick root~~ Det. C. V. Morton

42171 *Sporobolus airoides* Torr.
Coarse herb, in clumps, (Det. Solms)

42172 *Bromus rubens* L.
Trifl. at length deep pink
Det. Solms

42173 *Perityle emoryi* Torr.
Flat Rays wh.; florets y Det. S. F. Blake

42174 *Zexmenia brevifolia* Gray
Stems thickened & woody at base; rays
bright y Det. S. F. Blake

42175 *Gilia*
(Mixed with 42154) Destroyed

1600 feet
Arizona: Maricopa Co: ~~Pima~~ 7/6/52
Canyon, near Guadalupe,
South Mts., ± 1700 ft. alt.

Junque Butte, ± 1300 ft. 7/4/52

Abronia angustifolia var.
42176 ~~Verb.~~ *arizonica* (Standl.) K. & P.
fls. purple; spreading herb Det. C. V. Morton

42177 ~~Croc.~~ *Dithyrea wislizenii* Engelm. 2
Er. lvs., 75-100 cm. high; pet. wh Det. C. V. Morton

42178 *Coldenia plicata* (Torr.) Coville 2
Lvs. conspicuously veined, fls. wh. Det. C. V. Morton

42179 *Tidestromia lanuginosa* 1
(Nutt.) Standl. Det. C. V. Morton

42180 *Lupinus sparsiflorus* Benth. 1
Pet. deep blue Det. C. V. Morton

42181 *Cryptantha* 1
Cor. white.

42182 *Verbesina encelioides* var. 1
Rays & florets y *exauriculata*
Det. S. F. Blake Rob. & Green

42183 *Aster Tephrodes* (Gray) Blake 1
Supfl., much br. 1-1.2 m. high; rays bene;
florets y Det. S. F. Blake

42184 —

Maricopa Co.

2 Arizona: Salt River Valley, near 5/7/52
Mesa; desert

42185 *Dalea fremontii* Torr.
Low, much-br. rounded ab., 2-3 ft. high;
pet. deep blue.

42186 *Aster abatus* Blake
Rays blue.
Det. S. F. Blake

42187 *Lepidium fremontii* Wats.
Pet. wh.

42188 *Chaenactis stevioides* var.
Fls. wh. *brachypappa* (Gray) Hilleb.
Det. S. F. Blake

42189 *Gilia scopulorum* Jones
Cor. blue, yellow at base

42190 *Phacelia fremontii* Torr.
Cor. blue, yellow at base.

42191 *Chaenactis stevioides* H. & A.
Fls. wh. Det. S. F. Blake

42192 *Lepidium flavum* Torr.
Fls. y.

42193 *Calandrinia ciliata* var. *menziesii*
Pet. magenta. (Hook.) Macbr.
Det. Macbride

Clark Co.

Nevada: Indian Springs, on
US 95, ^{50-60 mi.} north Las Vegas

5/10/52

Nye Co.

Nevada: ~~the~~ eastern edge of Death
Valley, on US 58, s.w. of
Beatty

California: Little Lake, on Rd 395, west
of Death Valley

Macbride property, Route 17, 5/15/52
10 mi. no. of Santa Cruz, Santa
Cruz Co.

42194 *Sisyrinchium bellum* S. Wats. Det. E. P. Killip

Per. ^{purplish} blue, ^{blue} paler beneath, the nerves deeper
on both faces; limb to 2.2 cm. wide.

42195 *Phlox grayi* Woot. & Standl. 1 Det. G. V. Morton

42196 *Phacelia fremontii* Torr. 1 Det. G. V. Morton

42197 *Astragalus scaposus* Gray 1
Fls. blue. Det. G. V. Morton

42198 *Delphinium amabile* subsp.
apachense (Eastw.) Ewan 1
Det. G. V. Morton

42199 *Tridensⁿ pulchellus* 2
Det. Solum (HBK) Hitchc.

42200 *Chamaesyce albomarginata* 1
Stems prostrate (J. & G.)
Det. G. V. Morton

42201 *Castilleja chromosa* Nels. 1
Det. G. V. Morton

42202 *Lupinus bingii* Wats. 1
Det. G. V. Morton

California: Macbride property, Calif. 5/10/52
Route 17, 10 mi. no. of Santa
Cruz.

Arizona: Coconino Co.: Near Nelson, 5/9/52
on US 66

Arizona: Mohave Co.: 24 mi. ^{west} east
of Kingman, on U.S. 66

42203 *Salazaria mexicana* Torr. 1
How shrubby Det. G. V. Morton

42204 *Eriastrum diffusum* 2
Det. G. V. Morton (Gray) Mason

42205 *Baileya multiradiata* Harv. 1
Rays o flouths y Det. S. F. Blake o Gray

42206 *Calochortus kennedyi* Porter 1
Per. orange Det. G. V. Morton

42207 *Apeophanes linearifolia* var. 1
interior (Coville) M. E. Jones Det. S. F. Blake

42208 *Eriogonum polifolium* Benth. 1
Det. G. V. Morton

42209 *Eriophyllum wallacei* Gray 1
Huds yellow Det. S. F. Blake

42210 *Veronica arvensis* L. 1
Det. Leonard

42211 *Justicia americana* (L.) Vahl 1
Det. Leonard

Arizona: Mohave Co.: 24 miles 5/9/52
northeast of Kingman, on U.S. 66

Drive to
Indiana: Marion Co.: Geist Reservoir, 6/11/52
12 mi. N.E. of Indianapolis

42212 *Brassica nigra* (L.) Koch
Pet. y

2

Indiana: Marion Co.: Shore of
Geist Reservoir, 12 miles
N.E. of Indianapolis.

6/11/52

42213 *Carex granularis* Muhl.
Det. Hermann

2

42214 " *lurida* Wahl.
(Det. Hermann)

3

42215 *Salix nigra* Marsh. (Det. Ball)

1

42216 *Prunus hortulana* Bailey
Ripe fr. red Det. Leonard

1

42217 *Cornus asperifolia* Michx.
Tree; fl. wh. Det. Leonard

1

42218 *Potamogeton*
submerged

4

42219 *Cladophora crispata* (Roth) ²
Pl. bright gr.; submerged Kütz. (Det. Brown)

42220 Add moss, *Elodea*

1

included in count.

• = 1 labeled with 1 & 2, being 1 & 2

42221 *Juncus acuminatus* Michx.
Lvs. terete. Det. Hermann

42222 *Panicum microcarpum* Muhl.
Det. Chase

42223 *Carex* *distachya*

42224 *Viola stoneana* House Det. Chase
1 plant with 2 lvs.

42225 *Solanum nigrum* L.
Coarse herb; cor. wh. (Det. Morton)

42226 *Physalis heterophylla* Nees
Cor. pink-y, purple-spotted at center
within Det. Morton

42227 *Ludwigia alternifolia* L.
H. 75 cm high; pet. y.

42228 *Helianthus divaricatus* L.
Erect, 60-70 cm. high; rays y.

42229 *Riccia*
Floating

guf
1

P. 9. : Mainland: Frog Pond near ~~at~~
old spring.

Wet woods near old spring

Outlet at last (n.w.) of frog
ponds

Woods near far end of
largest pond.

East sandbar

7/6/52

Gap at upper end; moist
places

7/19/52

Woods at north end of Gap.

Mainland: Frog Ponds

42230

Fungus; fl. white. On decayed log

42231 *Eragrostis pilosa* (L.) Beauv.
(Det. Solms)

42232 *Viburnum dentatum* L. 1+1
Sh 2.5 m. high. (Det. Keates, 8/4/52)

42233 *Carpinus caroliniana* var.
Tree virginiana (Muhl.) Fern.

42234 *Desmodium nudiflorum* (L.) DC.
Flowering stem about 90 cm. high.

MT. KO DC. specimen now in Herb.

42235 *Physalis subglabrata* Muhl. & Benth.
Corolla limb $\pm$ 2 mm. wide, yellow, purple-tinged
at base. Det. Norton

42236 *Elymus virginicus* var.
intermedius (Vasey) Benth.
Det. Solms

42237 *Elymus* " " " for 90.

42238 *Elymus villosus* Muhl.
Det. Solms

P. 9. Mainland: Frog Ponds 7/19/52

P. 9. On Landing Rock 7/27/52

Mainland: Close to upper gate 8/2/52
from 1 to 107, Herb.

Mainland: just inside fence
along canal

Med.: Washington Co.: Woods at ~~entrance~~ 8/9/52
along Cabin John Run, below end
of Carline, trail to canal.

" " : Along Conduit 8/12/52
Road, near Cabin John School:
South Community Store

P. 9. ~~West~~ of & close to yellow-mud
pool. 8/9/52

Thickets west of rocks near
Cattail Pool

4 42239 *Oxalis europaea* f. *cymosa*
Pet. y (Small) Wieg.

4 42240 *Polygonum lacunosa* L.
Slender, trailing vine; cor. white.

4 42241 *Echinocystis lobata* (Mx.) T. & G.

4 42242 *Chrysopsis mariana* (L.) Nutt.
Rays bright y.

4 42243 " " 2

4 42244 *Prenanthes serpentinaria* Pursh
Cr. l., ± 75 cm. high; fls.
greenish white.

4 42245 *Gerardia setacea* (Walt.) Griseb.

4 42246 *Trisetum*
Grass erect l., 1-2 m. high

4 42247 *Agrimonia parviflora* Ait.

Accessioned to here 10/3/52

P = 80-100, G = 12, C = 24

P. 9. East sandbar

8/25/52

Mid. : Along C.O.O. Canal, near lock 8 9/13/52

Woods near end of Carline,
Cabin John

Corner of Conduit Rd. &
Riverside Drive; edge
of woods. 9/14/52

P. 9. Mainland: Woods, west of h.w. 9/25/52
corner of Stewart Farm, near
canal.

Hickets, n.w. corner
of Stewart Farm.

42248 Blank

42249 Blank

42250 *Ipomoea stolonifera* (Cyrill.)
Stems prostrate; cor. white Pair.

42251 Grass
Stems repent in sand

42252 *Cyperus*
Annual.

42253 *Ipomoea*^{oea} *triloba* L.
Plant trailing; cor. ^{1.5}2 cm. long, purple, deeper
at center within.

42254 *Poinsettia*
Er., succ. l., $\pm$ 85 cm. high; bracts red
toward base; fl. $\pm$ 5 mm. wide.

42255 *Gracilopogon sericatus* Swallen
In dense clumps Det Swallen

42256 *Vitis*^{mun} *munsoniana* Simpf.
Vine, climbing to 2 m; leaves shiny,
somewhat furrowed (~~stipled~~)

Lh = put aside for Thorne 11/16/53; BP Pham & Kearney
all labeled 20/51

Construct both from ^{Thorne} list left for assembling
& label-writing

Grass figures (in red) = total to acc. for
US & are included in a separate count
made 6/18/53

Dade Co., Fla.: Miami Beach; South 11/5/52
Beach.

Big Pine Key: waste places near Inn. 11/8/52
+ 1 for BP

Lh

BP

BP

first
Edge of Along 12th N-S road off 11/9/52
~~road~~ S. E. of Inn.

Lh

Edge of hammock, north side
of ~~road~~ clearing next to former
(Lager) Saunders house of
Saunders

42257 *Catharanthus roseus* (L.) G. Don 2
Erect, simple or few-branched herb;
corolla white or pink.

42258 *Hypelate trifoliata* Sw. 11
Tree 4-4.5 m. high (sterile)

42259 *Lasiacis divaricata* (L.) Hitchc. 5
Vine

42260 *Conyza canadensis* var. *purpurea* 2
(Nutt.) Cronq.

42261 *Baccharis halimifolia* L. 6
resinous
S 1.3-1.4 m. high; infl. wh.

42262 *Solidago patiolata* Mill.? 4
simple or few-branched
stem erect, wand-like, up to 1.8 m. high;
infl. golden-yellow

42263 *Eclipta umb.* L. destroyed 0
Vine, twining up tree-trunk. (sterile;
doesn't seem quite right for *lutea* or *undulata*)
42264 Grass 1

42265 *Habenaria quinquevittata* (Nyx.) Sw. 2
Ter.: 2 segm. outside of column green; 3
segm. wh.

Th, BP

Big Pine Key: ~~the~~ clearing ^{near} 11/19/52
+ 11 for Tol & former (taxi) houses of Saunders.

BP Mammoth ^{north side of}
road clearing (for ~~at~~) next to
Saunders former house of Saunders

BP

BA Th, My clearing near former
house of Saunders

BP, Th ^{first} Along ~~the~~ H-S road ~~of~~
H.E. of 9 mi

Th, BP

= *S. stricta* Ait.

Pine - palm woods n.e. of 9 mi

Th, BP

42266 *Grass*

42267 *Polygala praetervisa* Chod.
Sepals wh., green at center

42268 *Distichlis spicata* (L.) Nees
Plant ~~here~~ repeat

42269 *Oster braccii* Britton
Rays light blue to white

42270 *Halimeda scabra*
Pl. deep green.

42271 *Laurencia papillosa*
Plants in small clusters, not forming
dense masses.

42272 *Achyranthes indica* (L.) Millsp.
Coarse herb

42273 *Momodica charantia* L.
Vine; cor. y.

42274 *Clitoria ternatea* L.
Vine; fls deep blue.

Big Pine Key: Pine-palm woods
N.E. of Tunn

"1/9/52

P-p. woods n.w. of Tunn

"1/10/52

BP

Shallow ~~water~~ saline
plate near bridge to Torch Key;
~~also~~ shallow water.

Saline flats

Coupon Bright;

" Off Shell Beach

"1/11/52

Key West: 400 block of Duval St.;
waste places.

Catharine St., near Sumner
St.

42275 *Antigonum leptopus* Ha. a.
Vine; fls. mil. pi.

42276 *Desmodium Tortuosum* (Sw.) DC.
Erect h., ± 1.2 m. high

42277 *Indigofera tinctoria* L.
Suberect herb, 60 cm. high

42278 *Merremia dissecta* (Jacq.)
Vine; cor. wh. Haec. f.

42279 *Vachellia farnesiana* (L.) W. & A.
Tree 2.5 m. high; pods to 1.5 cm. wide.

42280 *Jecora stans* (L.) Jacq.
Shrub ± 2.5 m. high; cor. y.

42281 *Melastoma nivea* (L.) Small
Herb; infl. wh. Sci. Blake

42282 *Acetabularia crenulata*
attached firmly to a large rock about 1 ft
under water. (All of these were together)

42283 *Dictyota divaricata* Lamour.

Key West: Swinton St., toward "12/52
Key West South Beach;
waste place.
Anelia St., near Swinton

the

2 + 1 for F

Catharine St.

: South Beach

42284 *Laurencia papillosa* 1
Collected for the Thunberg-like procumbent stems
of the branches.

42285 *Distycta dichotoma* (Huds.) Lamour. 3

42286 " *divaricata* Lamour. 1

42287 *Laurencia intricata* Lamour. 1

42288 *Centrocercas clavulatum* (C. Ag.)
Horn 1

42289 *Laurencia intricata* 1

42290 *Vaccaria?* 3

42291 *Abilgardia monostachya* (L.)
Vahl 7

42292 *Andropogon* 2
In small clumps.

Key West: Soneto Beach

"11/12/52

Big Pine Key: Edge of pp woods along
road, bet. Turn-off to ~~South~~ Camp
SVD

"11/13/52

42293 *Andropogon*

42294 *Phyllanthus pentaplyllus*
var. *floridensis* Webster
det. Webster

42295 *Coreopsis leavenworthii* Torr.
rays bright y; florets deep purple.
[rays low]

42296 *Pinguicula peruviana* Michx.
cor. light blue.

42297 *Phyllanthus* (same as 42294, det. Webster) 3
In small hole in limestone. Impossible
to get roots. Herb branched

42298 *Andropogon cabanisi* Hack. 2
In dense clumps

42298a. " *rhizomatus* Swallen

42299 *Aristida tenuispica* Hitchc. 4
Not in clump. (With *compensans* spreading among)

42300 *Sida elliotii* T. & G. 1

Low herb, to $\pm$ 15 cm. high, slightly suff.; fls.
f. light y; 2-2.5 cm wide $\pm$ 20 plant

42301 *Coreopsis leavenworthii* Torr. 6
rays bright y; florets deep purple
Fls. 2-2.5 cm. wide, the

2 Big Pine Key: ~~Pine Key~~
Pine palm woods N. & E. of 7 mi,
opp. RSD Camp
SRD

11/13/52

1 Mich

Mich

BP

Edge of ~~pp. woods~~ ^{about} 200 ft. N. of
~~S. R. D~~ Camp?
SRD

BP

P. p. woods ~~400~~ 4 E. of 7 mi
Toward highway

CAS, Jh

Open grassland (at edge of) Along ^{road} highway
of pp. woods, ~~4~~ 4 ft. bet. between 4 mi
Poles 4-6 ft. in 7 mi N. side of SRD Camp;
open grassland

Jh

42302 *Fimbristylis spathacea* Roth

Big Pine Key: ^{Same as preceding} Open grassland
along N. road

"1/4/52

42303 *Spigelia anthelmia* L.
L. herb; cor. pi. $\pm$ 30 plants now, fr. $\pm$
5 mm. wide.

1 B.P. Th. Grassland in front of
house J. & F. 7 mi

42304 *Laurencia papillona*

7 Key West: South Beach

"1/5/52

42305 *Centropus clavulatus* 7
On 42304 (C. Ag.) K. W. T.

42306 MA *Laurencia papillona* 2

42307 *Polytrichum* (?) *perulacea* Ehrh. 6
Firmly attached to large rocks

42308 *Bryopsis duchassaingii* J. Ag. 4
Ma. - " " "

42309 *Echites umbellata* Jacq. 2
Vine; cor. wh.

Big Pine Key: Edge of pp. woods along
Th, BP Highway, east of 7 mi

"1/7/52

42310 *Sarcostemma clausum*
Vine, ^{greenish} cor. wh.; corona white (Jacq.) R. & S.

3 Th. Edge of scrubwood.
Along old E. to road N.E. of
7 mi, toward east end.

42311 *Bambusa vulgaris*? (C. McClure)
Stem erect, 3 m. high, the lateral branches
divaricate. (Sterile). One so. of phone bldg.

42312 *Leptochloa*

In dense clumps

42313 *Sida ciliaris* L.

Low, spreading herb with slender branches;
fls. 8-10 mm. wide, salmon-pink.

42314 *Panicum virgatum* var. *cubense*
Guss. ~~subsp.~~

42315 *Muhlenbergia*

42316 *Sophora tomentosa* L.

Sh. 75-150 cm. high; pet. 4-2 cm. long
lvs. ~~flus~~ *flus* ~~obovate~~

42317 *Cornicularia*, *Spirogyra* & *Oedogonium*
On dead palm leaf lying in water, the alga
deposited on it as water level was lowered

42318 *Diplomonocladus virgatus* Howe 1

42319

2319 ag. BP: MA taken out for BP Hb. 4/2/53
Labels to be written

BP

1

Big Pine Key: ~~Off~~ Grassland west "11/18/52
Ph 44-97 of 9m

3

2

CAS (with home)

Edge of road in front of Inn

1

BP

Grassland west of Inn.

3

Th

(4)

Edge of ~~sinkhole~~ pool

s.w. of Inn

Off Shell Beach
Coupon Right;

4

BP

Eustoma exaltatum

42320 *Eustoma* (L.) Griseb.

Erect herb; cor. orchid-color, purple at center within.

42321 *Chloris petraea* Sw.
(Fruit black.)

42322 Grass

42323 *Vachellia peninsularis* Small
Sh 1.5m. high, with spreading crown; stems
y. (Same stem as 41896)

42324 *Pomoea sagittata* Cav.
V; cor. $\pm$ 7cm. long, purple, pale at base in

42325 *Sabbatia stellaria* Pursh
Stem ex. unbranched; cor. fl., 5-lobed

42326 *Alga* (Annual)
In water, near edge of pool Pl. y-g

42327 *Cynoctonum sessilifolium*
(Walt. / Inul.)

42328 Grass

1 Big Pine Key: Edge of p.p. woods
along H-S road, from dew.
= N.E. of Pine.

11/19/52

8 BP

5

Grassland just south of
Palm Willow

1 Th

3 + BP

1/4 mi. N. of Tule, with fl. port
Grassland at edge of mangroves
a few yds. north of Huleyon Beach

1 Th

Edge of road near -

BP

near junction of H. Beach &
Bassay or No Name roads

0 Th

Along H-S road, along
Coconut palm ~~marsh~~ ^{highway} fl. woods
Pine-palm woods along highway near
SRD Camp

42329 *Ruellia heteromorpha* Fernald
Cor. blue.

42330 *Andropogon*

42331 *Proserpinaca platycarpa* Swartz
Stem repent, branches erect

42332 *Lobelia glandulosa* Walt.
Er. h.; cor. rich blue

42333 *Scleria verticillata* Muhl.
Suberect or rather lax herb; achene
wh.

42334 *Chamaesyce*
Pl. erect; fr. glabrous, 2 mm. wide

42335 Grass
For poor grass.

42336 *Sagittaria laurifolia* subsp. 2
Fr. 1.3 cm. diam. ! Er. h. *media* (Michx.) Pogon

42337 *Aster* ~~*exilis* Ell.~~ *exilis* Ell. 7
Erect h., usually branched only at the
apex; rays blue, 2-3 mm long; pappus
wh.

Th

4 Big Pine Key: Edge of p-p woods "12/52
with north of upper E-W road.

1

Edge of p-p woods along road,
toward artificial lake.

0

Th

Swamp near
N.W. corner of artificial
lake

6

Th

Road to Watson Hammock;
open marshes (both sides of road)

2

BP

" " , especially in
first "Lobelia" bog, in front of
low palms toward N.W. corner
East side of "Lobelia" bog; in water

0

Marsh, so. side of road.

Wg, BP

7

Wg, Th, BP

Grassland in road itself
" along road

42338 *Vernonia bladzaitii* Smack
er. h; heads purple.

42339 *Scytoneura*^m *figuratum* var
Pl very dark, appearing almost black in *lepreurii*
the 1 1/2 ft. of water. Attached to submerged logs. ^{Born. & Fleah}

42340 *Phyllanthus*

In rocky ~~land~~ land. With these 2 plants; they
were close together & apparently same species

42341 *Oichromena*

Achenes pale & broad; involucre often ripent

42342

Achenes pale (tubercle small), + same shape as
type, involucre; ls. 1/8 as long as culm, peltiform

42343

Achenes pale, small, tubercle short

42344

Achenes type involucre

42345

Small dark achenes, short tubercle

42346

Broad light achenes with short tubercle

BP, 14

7 Big Pine Key: ~~junction~~ upper
4-corners

"120/52

BP + (5)

N.W. corner of
Artificial Lake

Open
Rocky Ground, N-S

"123/52

road near Elect. Pole 4

dry soil

and BP P. p. woods just east of
road; damp soil

In patches, SE of a mangrove forest

with grass

42347 *Dichromena*
frond
Achenes dark, but almost lost to ground

42348 "
Seeds dark but shape & taste characteristic
of *colubra*

42349 *Gerardia*
Leaves 2 cm. wide, pink, the tube pale.

42350 *Rhipoccephalus phoeniceus* (Eos)
Hilly

42351 *Leucaena glauca* (L.) Benth.
Small tree, 2-3 m. high; stamens wh., seeds brown.

42352 *Guilandina cista* (L.) *Guilae*
Sh 3 m. high with spreading branches; pods 2-seeded
seeds gray, shiny

42353 *Rivina humilis* L.
Shrub, 60-70 cm. high; sepals
pinkish wh.

42354 *Bumelia celastrina* HBK
Small tree, very spiny; fls. white

42355 *Liatris laevigata* Nutt.
laevigata Nutt. (Det. Rodfey)
Tubes of florets whitish, lobes & styles
bright pink. Rootstock very thick, to
2.5 cm. in diam.

8 Big Pine Key: P-p. woods just west of
N-S. road; moist soil

"123/52

5 Dry, rocky soil.

1 Open grassland along
N-S. road, near pole 7(?)

Off Shell Beach

"124/52

1 Th, BP.

Old E-W. road N.E. of
9 m.

3 Th

Ziegner Beach
Coastal thickets

3 Th

6 Th, BP (G)

Old E-W road toward
NE 9 m
east end; hammock

1 BP

P-p woods N.W. of 9 m.

"128/52

42356 *Dichromena floridensis* Britton
Achenes minute, black, tubercles very
short.

42357 *Dichromena floridensis* Britton
Hills as above

42358 *Hypoxis ^{micrantha} wrightii* (Baker) Brachet
Per. y

42359 *Andropogon*
In clumps

42360 *Phyllanthus pentaphyllus*
Capsule 1.7-1.9 mm. wide. Annual.

42361 *Dipschloste angusta* (Gray) Kunze
Cor. bluish pink

42362 *Eragrostis elliotii* S. Wats.
Infl. quickly breaking off.

42363 *Eragrostis elliotii* S. Wats.

42364 *Barbula agraria* Hedw.
Moist soil ^{side of} ~~in~~ a small pocket

15th sent BP

Big Pine Key: Rocklydy pine-palm
woods n.w. of Km.

8
11/28/52

Th, BP

Nich var. *floridensis* Webst.
(Det. Webster)

Th

BP

4

42365 *Chamaecypar*

Stems suberect

42366 *Dichromena floudeussii* ^{Britton}

Arboreal, minute, black, tubercles very short

42367 *Abilgaardia monostachya* (L.) Vahl

42368 *Rhipocephalus phoenix*

Pl. dark green.

42369 *Ma*

42370 *Galactia spiciformis*

Vine; standard 8-9 mm. l., violet, white-striped

42371 *Poinsettia gomerata* (Ort.) Small

Er. l., ^{at base} ± 50 cm. high; ls. white or pale pi.

42372 *Vernonia cinerea* (L.) Less.

Er. herb 40-45 cm. high; stem simple; florets blue; pappus white; bracts green at apex

42373 *Ficus vogelii* Mez.

Tree; fr. 7-9 mm. wide

Big Pine Key: Rockley Key p.-p.
woods n.w. of 9th

"/28/52

North of bridge to Torch
Key, at end of ^{side-}road

Stock 72: Key West Bot. Gard.;
hammock.

"/29/52

Det. Blake

Correct more

(Z.) Vahl
42374 *Stachytarpheta jamaicensis*
Erect h., ± 35 cm. high; cor. light blue

42375 *Rhacoma cymopetalum* L.
Shrub ± 2 m. high

42376 *Ardisia escallonioides* S. & C.
Shrub

42377 *Hibiscus elatus* Sw.
Tree (sterile)

42378 *Dichromena colorata* (L.) Hitchc.
Achenes rather pale; tube prominent (young fruit)

42379 *Ruellia malacosericea* ^{var. *lancea*}
^{det. E. C. Z.}
Cor. deep blue; erect herb, 30-35 cm. high

42380 *Sida procumbens* L.
Prostrate herb

42381 *Phyllanthus*
Pl. annual

42382 *Chamaesyce*
Branches prostrate

Stock 92.: Key West Bot. Gard.;
hammock

" 12915

Clearing

Edge of hammock

CAS

Clearing

Hammock

42383 *Vigna luteola* (Jacq.) Benth.

Stem decumbent; standard & keel light y,

wings deeper y.

42384 *Stylosanthes callicola*

Pistate or subpistate; keel straight

42385 *Dichromena flourensii* Britton

Achenes very small dark; tubercle

small.

42386 *Houstonia floridana* Steudl.

herb-br. herb; stems fragile; cor. wh.

42387 *Eustoma exaltatum* (L.) Griseb.

Cor. pure white!

42388 *Phaseolus latyroides* L.

Copy notes from 1st coll.

42389 *Sclandra guttata* O. Don

+ 1 m. high
Shrub with succulent br.; cor. yellow, purple -
the lower replum with age striped in

42390 *Galactia spiciiformis* T. & G.

Vine, stems prostrate or low-climbing; stand.
pi, white striped, 7 m long, wings deep pi, keel pale

42391 *Stigolobium deeringianum* Bort

Plant trailing at length ascending; st. purple

1.5 cm. long; wings purplish black, 3 cm. long;

keel whitish, 3 cm. long

10
1h
Big Pine Key: ^{Grassland} waste places near
7 m.

11/30/52

Grassy pine lands west
of 7 m 12/1/52

BP, 1h

Salina flats near
Russell home, east
side of Key

12/2/52

1 for F

Waste places along
old road N.E. of 7 m.

Cultivated at B.P. 7 m 12/3/52

1h

Grassland near 4 m 12/4/52

BP

Close to cement floor,
escape from Robinson's garden

42392

1

42393

2

42394

1

42395

Goland.

42396

6

42397

42398

42399

11

7

42400

12/4/52

P. p. woods west of here

The

Steel Beach

12/2/52

Р-р уксусной

12/8/52

app. former SRO Camp

Palm Willow; Chase
home. Came up in garden
but not planted.

36

~~Entrance to Channel east of~~ 12/9/52
Shell Beach

BHP

BP

42401 *Laurencia intricata*

4

42402 *Ma*

2

42403 *Batophora oerstedii* fag.

8

Doesn't seem common in the common sp.

42404 *Ma*

Too poor; all destroyed

2

Mixed with 42403

42405 *Ceramium subtile* fag.

3

Very finely cut.

42406 *Malvastrum corchoripolium*

1

Erect h, 60-75 cm. high; pet. 4 (Deer.) bristly

42407 *Gayoides crispum* (L.) Benth

1

Erect h, 50-60 cm high; pet. light y

42408 *Sonchus*?

3

Coarse h, 90 cm. high; fls. y.

42409 *Dichromena*

1

lvs. 6-8 mm. wide, spikes ± 12 , 8 mm. long, achenes
pale brownish, broad, ^{trilob.} achenes prominent

BP

Big Pine Key: Entrance to Channel 12/9/52
east of Shell Beach

BP

CAS Th

Sugarloaf Key: Waste places

12/11/52

CAS

Big Pine Key: Waste places in front
of E. Hall house

12/12/52

42410 *Dichromena*

lvs. filiform, sometimes narrowly (to 2 mm.)
wide at base; spikelets 10⁻¹³; ^{young} ~~achenes~~ ^{anthers} dark,

42411 *Poinsettia*

Er. succ. herb; collected to show very narrow &

lobed, broad lvs. on same plant.

42412 *Fresno celosia* L. ?

Er., single or few-br. herb; ~~to~~ to 1 m. high.

Fls. white

42413 *Ditaxis blodgettii* (Torr.) Pax

Woody-br. herb, 40-50 cm. high; infl. gr.

42414 *Cyperus*

The young spikes ± cylindrical are from same
pl. as the old brown ones. Styles 3-bearded, achenes dark

42415 *Alternanthera floridana* (Chapm.) 6

Woody-br., spreading herb, with lax branches, ^{woody} ~~woody~~ ^{at base} ~~at base~~; ^{fls. fleshy} ~~fls. fleshy~~ ^{white} ~~white, gr. tinged~~

42416 *Hibiscus pilosus* (Sw.) F. & R.

Er., few-br. ^{anther} ~~anther~~ ^{to 60-90 cm} ~~to 60-90 cm high; pet. deep red~~

42417 *Eugenia myrsinoides* Poe. 7.

Tree ± 3 m. high

42418 *Leptochloa dubia* (H. & A.) Nees 5

det. Swallen

Big Pine Key: Waste places ⁱⁿ ~~front~~ ^{front} (north) of E. Hall house
smaller than in 42409

12/12/52

Munich Southeast Hammock
Th.

Th.

brown, trigonous
Munich, Th.

Th.

Th.

BP

Open places

42419 *Cissus trifoliata* L. Destroyed
Vine, climbing over shrubs; stem & lvs very succulent (sterile)

42420 *Ocimum micranthum* L.

42421 ~~Setaria~~ *Setaria macrospora* (S. & M.) Chase
Coarse grass 1.2-1.4 m. high. In clumps Det Chase

42422 *Tillandsia usneoides* L.
Hanging or drooping from trees

42423 *Capparis flexuosa* L.
• Sh. ^{often erect} North elongate br.; fr. red.

42424 *Cyperus*
Heads brown

42425 *Gossypium*

Pl. erect, 90-100 cm. high; petals
wh, purple at base within

42426 *Cyperus fuliginosus* Chapm.
Heads black

42427 *Cenchrus gracillimus* Nash
Det. Swallen
" pauciflorus Benth
(revised det?)

BP

Big Pine Key: Southeast Hammock 12/12/52

Th

~~Cleaning~~ Thickets

BP

Cleaning

BP (1 to send J. F. Hammon
in addition)

Th

Cas

42425a. *Murgantia violacea* (Westw.)
Rare (see Chapin's letter of 2/6/53; blue bug
with white, fine markings)

Th

BP

Long Beach, Island
near abandoned house

Stems prostrate, infl. erect; petals
purplish blue; standard striped

42428 *Galactia speciosa* Torr. 7

~~fls.~~ Pet. ^{standard} bluish blue, striped

Unif. pub. thorn in 1 around tree & stock P.

42429 *Canavalia maritima* (Aubl.) 3

Branches prostrate; peduncles erect; Thorns
petals blue

42430 *Ficus brevifolia* Nutt. 6

Tr. 3.5 m. high

42431 *Desmodium canum* (Swel.) 1

Schuy & Thell.

42432 *Cenchrus echinatus* L. 3

42433 *Paspalum propinquum* Nash 9
(Det. Chase)

42434 *Setaria geniculata* (Lam.) 3
(Det. Small) Beauv.

42435 *Cynodon dactylon* (L.) Pers. 2
! Ergc

42436 *Cenchrus pauciflorus* Benth. 4

The Big Pine Key ^{near shore,} & Grassland, Long

12/12/52

Beach (toward abandoned
house near bridge)

Long Beach

+ BP Edge of ^{SE} Hammock

The waste place near tree 12/14/52

BP Grassland in front of tree

BP

BP

BP

BP

42437 *Eleusine indica* (L.) Gaertn.

2

42438 *Lamium angustifolium* Michx.

Petals pi. A few plants have opened
along H.S. road in recent years but as grass

42439 *Ambrosia cuspida* Pursh

H. with trailing stems; infl. green

42440 *Phytolacca barbadensis* Jacq.

Annual; branches almost flat on ground.

Cor. y, purple spotted at base within; fruit

42441 *Tragia sapicola* Sm.

Low h., with ± prostrate brs.

42442 *Heliotropium laevis* Torr.

Cor. wh.

42443 *Erechtites hieracifolia* (L.) Raf.

Pappus white (Det. Blake)

42444 *Borreria*

Er. herb annual herb

42445 *Spartina*

Coarse herb in dense clumps

BP

Big Pine Key: Grassland in front 12/14/52
of Inn

Along H.S. road near S.R.D. Camp

has been cut frequently they do not spread much.

Th

Along road from 4-corners to
former Fork Key bridge

BP

Nearly (± 3 months) cut road
thru Coccoloba, north from
± 1 cm. ^{wide} near old Fork Bridge

Th

~~Sits between Pine woods~~
→ P. woods at head of road
w. of art. lake

Th

Along H.S. road near upper
4-corners

P.-p. woods NW of Inn

12/16/52

BP

Saline flat

Grassland near Russell
home

12/17/52

42446 *Grass*

1 Big Pine Key: Grassland near Russell
home

12/17/52

42447 *Vachellia peninsularis* Griseb

6 Th

Clearing near 9 mi.

12/20/52

Spreading, compact shr. 1.7 m. high, $\pm$ 2.5 m.

wide, much branched; fls. y

42448 *Cyperus*

1

Shady place near 9 mi

Plant solitary; culm 85 cm. high; lvs.

very rough, head brown

42449 *Cirsium*

4

Edge of pp woods along
N-S road near SRO Camp

12/21/52

Coarse herb; corolla ^{pink} purple, $\pm$ 2.5 cm. long.

42450 *Amaranthus*

2 Weirich

Wet places near 9 mi

12/26/52

h. few to herb $\pm$ 50 cm. high

42450a *Negundo viridula* (L.) Oct. Chapin (common)

42451 *Styloranthus hamata* (L.) Tuck.?

3

Th, BP

Rather open ~~low~~ places
in front of 9 mi

Fls. y.

42452 *Cyperus blodgettii*

1

clearing in
Coastal hammock on
Barry property, ^{at} No Name Key
Bridge

12/27/52

42453 *Chamaesyce*

1

Stems prostrate or somewhat ascending

42454 *Panicum chapmanii* Vasey

1

42453a. *Chamaesyce*
(Perhaps same as 42453)

#1013

42455 *Distichlis spicata* (L. Presl)
(Det. Swallen)

42456 *Mikania batatifolia* DC.
Succ. l. v.; infl. wh

42457 *Laurencia papillosa*
Ma Pl. y-g. Very little branched & giving a much
different appearance in the water than most of this group.

42458 *Laurencia gemmifera* Harw.
Ma Pl. gr. or y-g

42459 *Jama capillacea* Harw.
(white)

42460 *Corallina rubens* (Mont.) Kütz.
Pl. dark DETENIC

42461 *Hypnea cervicornis* J. Ag.
Ma Pl. y-g

42462 *Chondria* (?) ~~*flourensii* (Det. Harw.)~~
Ma Pl. y-g *Leptacremon* Melv.

42463 *Laurencia papillosa*
Ma Pl. ~~l.~~ hgr

Big Pine Key: Saline flats along
BP road through Matthews
property.

Grandland near Halcyon
Beach

BP Off. end of road through
Matthews property, N.E. part
of Doctor's Arm.

BP

BP

BP

BP

Off. point about halfway between
Shell Beach & South Point.
west 12/28/52

42464 *Laurencia papillosa*
ma Pl. darl. gr.

4

Big Pine Key: Off point about
halfway between blue
Beach & S.W. Point

12/28/52

42465 *Rhipocephalus phoenix*
Pl. darl. gr. (det core)

4

BP

42466 *Caulerpa cymosa* (Vahl) Ag.
Stem long report

6

42467 *Caulerpa paspaloides* Borg
Stem long report

3

BP

42468 *Eragrostis amabilis* (L.) W & A. 2
det. Swallen

BP

Clearing in coastal hammock 1/3/53
on Barry property, W. Nassau Key
bridge
Hammock

42469 *Krugiodendron ferreum* (Vahl)
Tree (sterile) Urban

1

P-p. woods

Grassland near Inn

1/6/53

42470 *Arsium* (Swallen) Britton
Cane herb; basal leaves in a rosette;
stem 50 cm. high; corolla pink.

1

Th

42471 *Fimbristylis castanea* (Mey.) Vahl

3

Th

Grassland near Inn.

42472 *Sida* (L.) f. ?
Pl. suffr.; petals light; capsule
2-toothed

3

CB

Roadside of waste place
near Inn.

1/7/53

42473 *Capsicum frutescens* L.
Sh, about 1 m. high, much branched; ^{ripe} fruit

3

BP

Big Pine Key: Southeast Hammock 4/7/53

42474 *Gossypium*

5

BP

Pl. erect, 90-100 (125) cm. high; petals wh. ^{yellowish}, with age
purple at base within; ^{stamens} ~~stamens~~ wh.

CAS

42475 *Sida ciliaris* L.

2

Th

Pt. y. (?) reddish

42476 *Aechmea gracillimus* (Nash)

2

BP

(revised det.) *pauciflorus* Benth.

42476a. *Cyperus esculentus* L.

1

42477 *Abutilon permolle* (L.) Sweet

4

CAS, Th

Er. sh, 70-100 cm. high; pet. y

42478 *Maytenus phyllanthoides* Benth.

1

Compact Sh, 1-1.5 m. high.

42479 *Coccochloris elabens* (Brièr.) Dr.

"B5" Pl. red. ~~Shores of saltwater pool.~~ r-daily

+ *Anacystis aeruginosa* (Zanard) Dr. v-daily

42480 *Eugenia axillaris* (Sw.) Willd.

5

BP

Tree 2.5-3 m. high; fr. red.

42481 *Lepidium virginicum* L.

5

Th

Waste places near Pm.

4/8/53

Pt. wh.

42482 *Jacquinia keyensis* Mez
Tree 2.5 m. high, with compact, rounded
growth; lvs. coriaceous.

42483 *Tournefortia graphalodes* (L.) R. Br.
Compact shrub, 1-1.2 m. high; lvs. fleshy;
corolla white.

42484 *Chamaecyparix leucipolia* (Lam.)
Small
Suff. L., ³⁰ 45-60 cm. high

42485 *Erithalis fruticosa* L.
Shrubby, 1.5-2 m. high; corolla white; fr. deep
purple or black.

42486 *Suriana maritima* L.
Shrubby 90-125 cm. high; fls. y.

42487 *Chondria (?) floridana* (Coll.)
Howe

42488 *Siphonocladus rigida*
Hda

42489 " " " " " " " " " " " "

42490 *Cladophoropsis membranacea*?
Forming a dense cylindrical mass 1/2 m. long.
mass + 25 cm. long.

Th, BP

5 Big Pine Key: Hammock s.w. of 1/8/53
7 m.

Shell Beach

5 Th

5

BP

Shell Beach, about 1/2 m. from
road to first point west

BP

42491 *Ceranium subtile* J. Ag. 4
ma

42492 *Laurencia* (?) *poitei* (Lam.) J. Ag. 6

42493 *Pterocaulon undulatum* (Walt.) Hooker 8
Root very thick; fls. & pappus white.

42494 *Ruellia heteromorpha* Pennell 8
Tuber up to 1 inch; corolla pinkish blue; some cal. 4/6/53

42495 *Chaenactis glomerifera* Millsp. 7
Stems erect

42496 *Dichromena* 4
Achenes black, beak short

42497 *Sambucus abrotanifolia* HBK. 2
Lvs. fleshy; cor. light pi. to wh.

42498 *Mungos* 1
On decayed E. branch; fl. orange

42499 *Girardinia guianensis* L. 3
Coarsely branched; corolla pink
Coarsely herb, 60-90 cm. high,
branched toward apex.

BP
Atlantic to
Big Pine Key; Channel east of
Shall Beach

1/8/53

BP

BP, Th

Grassland near Tuna

1/9/53

"

1/10/53

"

Along newly cut road direct from Tuna
to Palm Willow
(along pipe road, near beginning)

Th

~~BP~~ " ~~Emig, n. e. of Tuna~~
omit ()

Waste places near Tuna

1/14/53

Labels for ^{plan}BP not made thru 42500 (also for 2518)

42500 *Rhabdadenia biflora* (Jacq.)
Vine, twining up *Conocarpus* (sterile)

42501 *Vachellia farnesiana* (L.) W. & A.
Tree 2.5 m. high, with spreading crown

42502 *Chamaecypar*
Stems erect; capsules 2 mm. wide, glabrous.

42503 *Dichromena colorata* (L.) Hitchc.
Lvs linear 2-3 mm. wide; p. above dark brown, lower
1.4 mm. wide, tubercles grayish wh., broad

42504 *Jania*
Pl. wh.

42505 *Udotea conglomerata*

42506 *Avrainvillea longicaulis*
Pl. dark gr. (Kützinger) Murr.

42507 *Penicillium dumetorum*
Pl. deep green; stipes spongy

42508 *Sargassum*
Thrusting; vesicles to 9 mm. diam.

(To give fuel 1)
BP F 1

1 Big Pine Key: Palm Willow; mangrove
swamps along coast, due east of
Chase home.

3 + 1 for BP

Palm Willow

2

Palm Willow; grassland 1/15/53

2

+ 1 for BP

Along old road, south of P.W.

(a single patch in middle of road)
Ziegner Beach

3

8

BP

4

3

3

42509 *Polycephala*?

3

Big Pine Key: Ziegner Bench

1/13/53

42510 *Lantana involucrata* L.
Sh. 35-90 cm. high; cor. wh.

4

Waste places N.E. of Tm

42511 *Paspalum blodgettii* Chapm.
Confusion in *P. simpsonii* f. l. Key?

1

BP

P.p. woods N.E. of Tm

42512 *Tridax procumbens* L.

1

Key West: Waste places along
Dive Duval St.

1/15/53

42513 Verb.?
Large tree.

1

Key West: St. Pauls Church grounds

1/15/53

42514 *Polyscias fruticosa* (L.) Harms
Tree ± 3.5 m. high (form) det Fosberg

1

Cemetery

42515 Sapot

1

Large tree; seeds imbedded in a soft orange
pulp.

42516 *Alternanthera floridana* (Chapm.)
Becoming a vine Small

4

42517 ~~Moringa~~ *Moringa oleifera* Lam.
Tree

1

42518 *Dodonaea microcarya* Small trace = 8 ✓

In. ~~tree~~ 2.5 m. high; fruit becoming

reddish.

42519 *Eugenia axillaris* (Sw.) Willd. 2

Low shr., ± 1 m. high; ripe fr. black & shiny,
up to 1.1 cm. diam.

42520 *Cyperus* 2

42521 *Pectis leptocephala* (Cass.) Urban 1

Rays y

42522 *Rauvolfia* sp. 1

Lichen on twigs. Det. Jones

42522a. *Lecanora peelida* (probably)

42523 *Portulaca* Det. Jones 1

Fls. pink; "hairs" white.

42524 *Chamaecype* " " = 1

Pl. erect; fls. in short, dense axillary spikes

42525 *Aphropappus phyllocephalus* 1

lt, branched near base, rays ascending.
rays bright y.

42526 *Jussiaea domingensis* Pers. 2

Spikes cinnamon. Swamp.

B. Phos; to give Trel

Big Pine Key: North part of Key between

and of new road and marl bank

at K & note. Boring

just south of bay

1/19/53

Savana

+ to send B.P. 1

To send B.P. 1

var. *megacephalus* (Nash) Hall

Barry Property

42527 *Dolichos lablab* L.

Vine (copy earlier desc. from same place)

42528 *Abutilon pauciflorum* St. Hil.?

Reg. Trop. " on tag. Erect suff. herb, ± 1.2 m

high; pet. y.

42529 *Zornia diphylla* (L.) Pers.

Pet. y. Herb, with thick root or slender, often elongate branches; petals y.

42530 *Messerschmidia rosea* (Ait.) Nees

Low vine; cor. pink

42531 *Pectis elongata* HBK.

Thin herb; rays y.

Ait Blake

42532 *Phyllanthus junceus*

42533 *Desmodium triflorum* (L.) DC.

Prostrate herb; fl. blue.

42534 *Piriqueta cistoides* (L.) Mey

Pet. y. Fl. erect; stem straight.

42534a. Ditto

42535 *Chamaecrista diphylla* (L.)

Pet. y; branches prostrate or $\pm$ ascending
green

(29)

Key West: Waste places along
Zimorston St., near South
Beach

1/20/53

Q8 but not Alain

Cuba: Havana U. of Havana Bot. Gard.

1/27/53

(2a)
Fale of Prince: Sabana (partly grazed)

1/29/53

F

Eastern rd just east of

Miera Geronas (Gardner property)

F

Unicate to Alain

Grasses; nos. on right of page show how many
to be used for US; these exclude set for Alain. 8/14/53

42536 *Chamaecrista rotundifolia*
(Pers.) Greene 1

42537 *Aeschynomene brasiliensis* var.
Plant viciid; branches straggling, ascending;
fls. y. *brasiliensis*

42538 *Melochia villosa* (Vahl.) F. & P. var. ? 2
Pl. suff.; pet. ~~blue~~ pinkish blue or pale blue.

42539 *Argemone berteri* (A. C. Smith) 1
Vine; cor. y. form

42540 *Chamaecypripis* 1
Stems erect but branches mostly spreading.

42541 ~~Richardia~~ *Diodia rigida* (HBK.) 1
Root thick; branches spreading; cor. wh. to
pale pi. ^{cor. wh. to}

42542 *Evolvulus sericeus* L. 2
Branches trailing; cor. wh., rotate;

42543 *Rhyncheletrum roseum* 2
Infl. reddish brown Staff of Herb

42544 *Camararia retusa* Griseb. 3
Tree 3 m. high, with wh. latex; cor. wh.
"Maboa." Latex dissolves teeth acc. to natives

20
9. of P.: Sabanas (partly grazed) 4/29/53
just east of Nueva Gerona
(Gardner property)

F

Along Río de las Casas
Morales property, SE edge of U.S.

42545 *Andropogon gracilis* Spreng.
Heads wh.

3

42546 *Sida linifolia* Pers.
Pet. wh., purple at base within

2

42547 *Phyllanthus micranthus* Ait.
Erect, ± 70 cm. high

1

42548 *Sporoclea tilacea* (Willd.)
Twining vine, climbing stems; cor. ^{inner} wh.
deep purple at center within

2

42549 *Hyptis actinoccephala* Sm.
Arching herb, few-branched, in bracts,
calyx & corolla wh.

2

42550 *Solanum jamaicense* Vahl.
Er. sh. ± 1 m. high; cor. wh.

2

42551 *Argemone berterii*
Vine; cor. y. (narrow lob.)

1

42552 *Aeschynomene tenuis* Griseb.
Er. herb; fls. y.

1

42553 *Phyllanthus juncea*
Capsules (large), 3 mm. wide

1

(2a)

7. of B. : Sabanas (partly grazed) just
east of U.S. (Gardner property)

1/29/53

Car

+ Alamo

Lillo

Thidista

F

Sabana

UNICATE

+ Alamo

42554 *Chamaecrista diphylla*
Br. prostrate; pet. y.

1

F. of P. Playa de Bibijagua

1/30/53

42555 *Chamaesyce blodgettii* (Engelm.)
Prostrate h. In crevices of rocks *det. Alain*

3

+ Alain

42556 ~~*Malpighia*~~ *horrida* *Swalco?* →
Prostrate shrub forming compact masses
on rocks; fr. red, ovoid, 5 mm long, oblique

2

F *Rhacoma aquifolia* (Griseb.) Urban
det. Alain

42557 *Pinillosia berterii* (Spreng.) Urb.
Prostrate; lvs. flat on ground, the peduncles
erect; wh.

8

F

42558 *Eleocharis caribaea* (Rottb.) Blake
det. *Swalco*

2

G

42559 *Crotalaria retusa* L.
Er. h. 60-70 cm high; fls. bright y

1

Edge of woods

42560 ~~*Wissadula*~~ *amplissima* Fries
Pl. erect, to 1.5 m. high; pet pale y

2

CAS

Woods

42561 *Deschymene frutescens* var.
Er. h. to 2 m. high; fls. y. Caribbean Ridd

4

F

Fresh-water pond north of
Cienfuegos (the north
of hotel)

2/2/53

42562 ~~*Alternanthera*~~ *Gouphrea diffusa*
Stems upright, br. erect; infl. wh. Standl.

3

Munich

Roadside

2/6/53

42563 *Eleocharis cellulosa* Torr.
at swamp

42564 *Pluchea purpurascens* (Sw.) DC.
Infl. pinkish

42565 *Eleocharis caribaea*
In clumps

42566 *Mikania rammentifolia* ^{A. Rich?}
Herb (sterile), probably becoming scandent

42567 *Nyctea cerifera* L.
Sh or sm. tr 2-2.2 m. high

42568 *Hypericum fasciculatum* Lam.
Sh. 2-2.2 m. high; fls. bright y

42569 *Blechnum serrulatum* A. Rich
2

42570 *Desmodium triflorum* (L.) DC.
Forming dense mats; fls. blue.

42571 *Phloxens vermicularis*
Branches suberect or $\pm$ decumbent; heads
wh.

(10)
F. J. P. Swamp along Rio Las Casas,
below U.S.

2/3/53

F, S

F

Edge of "

F

Swamp

Dry bank

In deep water of swamp

42572 *Phyla nodiflora* (L.) Greene
Stems repent; cor. wh.

42573 *Phaseolus adenanthus* Kunz.
V; stand. pi; wings purple above, wh. below;
keel wh.

42574 *Acrostichum aureum* L. 3

42575 *Bacopa monnieri* (L.) Pennell
Prost. herb, forming mats; cor. pinkish-blue

42576 *Eubrydra sericea* (Sw.) DC.
Pl. fleshy; stems repent below, lax; fls. greenish y

42577 *Arum* ~~latifolia~~ ^{sometimes general-} L.
Stems erect, few-branched.

42578 *Chloris inflata* Link 1

42579 *Hibiscus pinnellatus* Lam.
Pet. deep pink

42580 *Hippocratea volubilis* L.
Low ph with ~~open~~ spreading branches,
sometimes becoming scandent; pet. wh.

-F
7.7 P. Marshy soil along Rio Las Casas, 2/3/53
below U.S.

Swamp

F

F

Fls. coll. 3/15

2

Moist soil

1

4

F

Edge of swamp

42581 *Caesalpinia bahamensis* Lam.
Sh. $\pm$ 2 m high.

2

9. of P.

Edge moist soil along Rio
Las Casas north of H.G.

2/3/53

42582 *Fimbristylis ferruginea* (L.) Vahl

3

Swamp

42583 *Rhabdadenia biflora*

2

High-climbing vine; cor. wh, yellow
at center within

42584 *Nymphaea ampla* (Salisb.) DC.
Lvs. floating, deep purp. beneath; pet. wh.

1

42585 *Triumfetta lappula* L.
H 50-75 cm. high.

1

Sta. Barbara; Howard Estate 2/4/53
Edge of woods

42586 *Sida rhombifolia* L.
Er. h. ^{few fr. as lower part as leaf} to 1 m. high; pet. ~~wh.~~, yellowish in bud.
pet wh, purple at base within

2

Cas

42587 *Sida glomerata* Cav.
Er. h. $\pm$ 50 cm. high; pet. wh, yellowish in bud

1

42588 *Psychotria nervosa* Sw.
Tree Pl. suff. 40-50 cm. high; ripe fr. wine-col.

1

woods

42589 *Alibertia edulis* A. Rich.
S $\pm$ 60 cm. high; fr. (not ripe) 2.5 cm. diam.

1

UNICATE

- 42590 *Journefortia bicolor* Sw. 2
 8 or sm. tr., with long. br.; cor. wh.,
 limb $\pm$ 9 mm. wide. Foliage light green when fresh.
 42591 *Davilla rugosa* Poir. 1
 Tr. (?) with long. br.

- 42592 *Prinia aculeata* L. 1
 Tr. with succ. br.

- 42593 *Cladium Rynchospora compubosa* 1
 Stems to 1.2 m. high

- 42594 *Casaria sylvestris* Sw. 1
 Tr.

- 42595 *Luehea speciosa* Willd 1
 Tr.

- 42596 *Dryopteris reticulata* (Sw.) Urb. 1
 Fronds 1.3-1.4 m. high.

- 42597 *Phoebe elongata* (Vahl) Nees 1
 Tr.

- 42598 *Dalbergia ecastophyllum* 1
 (Sterile) Sw. tr.
 (Along river sterile along R. de las
 Casas)

9.7 P. : Sta. Barbara; Howard Estate; 2/4/53
 woods

Edge of woods

unidentified? Woods

UNICATE

(11)

Toward mouth of Rio
 de los Indios; mangrove
 swamp.

- 42599 *Vernonia cinerea* (L.) Less. 1
 Er. h.; florets wh., the tips & styles blue
- 42600 *Paepalanthus lagopodioides* 1
 (Griseb.) Ruhl.
- 42601 *Xyris pycnostachya plumosa* Ell. 1
 (Piliferous lvs) Perry
- 42602 *Xyris jupicai* Rich. ? 1
 (Membranous, linear lvs) Perry
- 42603 *Hypericum styphelioides* Rich. 2
 Er. sh., solitary, branched only above; pet. 4
- 42604 *Lagenocarpus tremulosa* 2
 A single plant Nees
- 42605 *Polypremum procumbens* L. 2
- 42606 *Xyris navicularis* Griseb. 1
 (Linear distichous lvs) Perry
- 42607 *Eriocaulon*? Missing 0
Xyris jupicai Rich.

UNICATE

(11)

9.2 P.: Clearing near abandoned
~~road~~ warehouse toward
 mouth of R. de los Indios
 Los Indios; white sand
 sabanas $\pm \frac{1}{2}$ mi. north of the
 end of road at R. de los Indios

2/4/53

F White sand sabanas near
 old village of Los Indios

UNICATE

42608 *Xyris jupicai* Rich.
(*Linn. lvs*; globose heads)

1

9. J.P.: White-sand sabanas near old village of Los Indios 2/4/53

42609 *Sporobolus*?
(*ling. fl.*) *Borreria radicans* Griseb?

1

UNICATE

42610 *Byrsonima crassifolia* (L.) HBK
Small tree, ± 2 m. high; pet. y.

1

42611 *Chrysobalanus icaco*
Shrub ± 1.2 m. high; fls. wh. Very

4

F

42612 *Xyris bicarinata* Griseb.
(*filiform lvs.*)

6

F

42613 *Sida linifolia* Juss.
Er. h.; pet. wh., yellowish without

2

CAS

~~Sabana~~
~~Clear waste place near p.~~
~~close to junction of rds~~
"

42614 *Grimaldia hispida* (Vahl) B.R.
Prostrate; pet. bright y.

1

UNICATE

42615 *Rynchospora plumosa*

2

~~Fields near house~~

42616 *Sida acuta* var. *carpinifolia*
Pet. y. low h.
(*f. of R. Schum.*?)
Det. Kearney

1

CAS (unlabeled) Fields near house
UNICATE

42617 *Buchnera elongata* Sw.?
Cor. blue, the limb 6 mm. wide (small)

42618 *Chamaecrista diphylla*
Suberect; pet. y

42619 *Jasminum multiflorum* (Burm.)
Sc with elong. br.; cor pure white Ande.

42620 *Urena sinuata* L.
Er. h.; pet. pi.

42621 *Urena lobata* L.
Suff., erect to ± 75 cm. high; pet. pi.

42622 *Stigmaphyllon sagraeanum*
Vine; pet. light y

42623 *Hydrolea spinosa* L.
Er. herb ± 60 cm. high; cor blue

42624 *Deerubaya roseolobii* (Lindl.) Benth
Tree; peduncles dependent; petals pale
pink. Very showy. Planted; origin unknown.

42625 *Dendropanax cuneifolium*
Tall tree (uncult.) (Wright) Sam.

9.7P. ⁽¹¹⁾ Wild near house, Los Indios 2/4/53

(escape but ^{well} established)

UNICATE

UNICATE

At Manby flats along
Río del Callejón, Los Indios

CAS Mrs. Jones' jungle forest ⁽²⁹⁾ fls. 2/5/53
fr. 3/8/53
(Report to Mrs. Jones)

UNICATE

42626 *Garcinia indica* Chois.

Large tree

42626a. Inscr. Hopper

42627 *Merremia umbellata* (L.) Hausskn.

Trailing; cor. y. : on 2240 ft.

42628 *Didymopanax colorata* (L.) Hitchc.

Bracts wh. at base; inf. wh.; achenes

pale, tubercles along prominent

42629 *Solanum Houstonii* Benth

Sh ± 1.2 m. high; cor. wh.; fr. red.

42630 *Hanea Hydrolea spinosa*

Er. h. ^{15 cm high}; cor. blue

42631 *Ceratopteris deltoidea* 3
Benedict

42632 *Caperonia castaneifolia*

Fls. white

42633 *Desmodium scorpiurus*

Ref. *subsp. h.* (Sw.) Pass.

42634 *Hyptis suaveolens* (L.) Poit.

Er. h. 60-80 cm. high; cor. blue

2 P. of P. Mrs. Jones' jungle; dense forest

2/5/53

0 acetalum Santa Fe; waste places along stream

2 Along trail at end of road due north of hotel:

2/6/53

2

2

swampy land

1 + Alami

(21)

Columbo
Playa Colorado,
granular

2/8/53

2

open hillside

(21)

Columbo

9.7 P. Playa, ~~Columbo~~; open
side

2/8/53

42635 Gayoides crispum (L.) 2
Pl. suberect; pet. light y. Small

42636 Cordia gerascanthus L. 3
In 2.5m-high; cor. pure wh.

42637 Acetabularia crenulata Lamour.

42638 Caulerpa sertularioides (Gmel.) Howe

42639 Cladophoropsis membranacea
(C. Ag.) Borg

42640 Laurencia papillosa Grv.

42641 " "

42642 Cladophoropsis membranacea

42643 Hoshiella lejolisii (Rosau.) Howe
(in Laurencia)

42644 *Corallina cubensis* (Mont.) Kg.

42645 *Cladophoropsis membranacea*

42646 *Ma* (not reported by Taylor)

42647 *Heterosiphonia gibbsii* (Harv.) Falk.

42648 *Digenia simplex* (Wulf.) C. Ag.
bearing *Jania rubens* & *Lauracea* (?) *microcladia*
young *Z. obtusa*

42649 *Hypoxis wingfieldii* (Baker)
Per. y Bradwell?

42650 *Chamaesyce hypoxisif.*

42651 *Crotalaria retusa* L.
E. h. c. y.

42652 *Panicum ~~auburne~~ asha*
leucothrix Nash

9. 7. P. : Playa ~~de~~ Colimpo

2/8/53

(9)

UNICATE

4 Km. so. of Sta. Bárbara; 2/9/53
sandy sabanas, mostly
white sand.

unicate

42653 *Elephantopus prateria* 1
Wright!

42654 *Tetranicra simplex* Aves 6
Tr. 4-seg. purple, 1 wh or pale pi., purple-stiped
ped y

42655 *Campylopus? delicatulus* 2
Forming dense masses in shade. R. SVR.
det. Cunn

42656 *Xyphodermis xanthorizon* 2
Wright
Ter.

42657 *Byrsoneura wrightiana* Urb. 3
Tr. 1.8-2.1 m. high; pet. y. redg.
Low sh. 30-50 cm. high.

42658 *Xyris navicularis* 6
(hor. broad)

42659 *Xyris bicarinata* 10
(hor. narrow)

42660 *Croton* 4
Suff. stems flat on ground (sterile)

42661 *Chaetolepis cubensis* (Rich.) Tr. 2
Er. Sh. Pet. magenta (narrow lobes)

42657a *Byrsoneura wrightiana?* 1
Tree 1.8-2.1 m. high; pet. y

UNICATE

(9)
9.7 P. 4 Km. south of Sta. Barbara; 2/9/53
sandy sabana, mostly white sand

+ Alain

F

F

+ Alain (?)

42662 *Chaetolepis cubensis*
Er. sh 30-50 cm. high; pet. magenta

10

(9)
9.7 P.: 4 Km. south of Sta. Barbara; 2/5/53
→ F sandy savannas,

42663 *Eugenia pinnatifolia* (HBK.) DC.
Er. sh. ± 25 cm. high, with thick warty bark;
fr. red; pet. wh.

4

F

42664 *Dialium seslerioides*
Spikes wh.

3

42665 *Rynchospora wrightiana* Boeckl.
Spikes brown

3

F

42665a *Rynchospora* ^{plumosa?} (spikes dark brown, large)

1

unicate

42666 ~~*Chamaecrista*~~

3

+ Alain

(Stem) *Phyllanthus selbyi* B. & W.
Det. Alain

42667 *Phyllanthus juncens* W. A.

0

Rel to Alain

42668 *Polygala uncinata* Wight
Pet. & Fls. light purple.

4

42669 *Polygala squarrosa* Wight
Fls. cream

29

F

42670 ~~*Eragrostis*~~ *Sporobolus cubensis*
In clumps. Infl. purplish
Hitchc.

2

42671 *Paep. secleroides* Griseb.
(Stiff lvs.)

4

I. & P.: 4 km. south of Sta.

2/9/53

Barbara; sandy sabanas,
mostly white sand.

42672 *Syngonanthus lagopodioides*
(Stiff lvs.)

3

42673 *Sachia polycephala* Griseb.
Lvs. flat on ground

1

F, Blake

42674 *Zamia silicea* Britton
Low h., with thick root

2

F

about ⁽¹⁶⁾ Sabanas, ~~ca.~~
12 km. n.e. of Sta. Barbara; sabana

Sabanas

42675 ~~*Sida* *Engelm.* *bracteata* Griseb?~~
~~erect, suffr., branched above; pet. y~~
(unlike all *Sachias* 2673) *unifolia* DC

1

! Blake

42676 *Lycopodium cubense* HBK. 4
Climbing up trees

Woods, about 12 km. n.e.
of Sta. Barbara

42677 *Piper ossanum* (C.B.C.) Tral
Tr. 2.5-3 m. high; spikes wh., unwood.

2

Sabanas

42678 *Hirtella americana* L.
Tr. 3-4 m.; fls. wh.

2

42679 *Elephantopus mollis* HBK.
1 + 1/2 m. high

1

Woods along stream

42673a. *Sida spinosa* L.
Er. l., suffr., branched above; pet y

2

CAS

4 km. so. of Sta. Barbara
roadside

42680 *Helicteres guazumaefolia* 1
Sh ± 1.3 m. high Herb

42681 *Hyptis minutifolia* Griseb. 3
Repet herb, with long br.; cor. wh.

42682 *Panicum auburne* A. Schum. 2
Br. elongate, + decumbent

42683 *Cuphea swartziana* Spreng. 1
Br. elongate; fls. wh.

42684 *Imperata brasiliensis* Trin. 1
Spikes ~~white~~ wh.

42685 *Eriosema crinitum* (HBK.) S. Don 2
Stems erect, from a thick root.

42686 *Aeschynomene tenuis* 2
Er. slender herb; fls. y.

42687 *Croton cerinus* M. A. 2
Stems erect; fls. wh.

42688 *Mollugo pinosia* Urb. 3
Fls wh.

(16)
9.7 P. : Sabana about 12 Km. n.e. 2/9/53
of Sta. Barbara

Grassy edge of woods

Sabana

F

+ Alamo

F

- Macropodium gracile*
 42689 *Phacelia* (Pachy.) Herb. 1
 Er. l., from thick roots; fls. pink
- 42690 *Eragrostis cubensis* Hitchc. 1
 In low, dense clumps
- 42691 *Leptocoryphium lacunatum*
 (HBK) Kees 1
variifolia Turcz.
 42692 *Mallotia* ~~horrida~~ *small* 1
 Low compact shrub, densely covering small
 hillsides
- 42693 *Rhynchospora globosa* var. 2
 In ^{small} dense clumps with thick roots
terminalis Leon
- 42694 *Andropogon gracilis* Spreng. 1
 Infl. wh. In dense clumps
- 42695 *Phyllanthus juvencus* M.A. 1
- 42696 *Phyllanthus micranthus* A. Rich. 0
 det. Alain
- 42697 *Buchnera elongata* Desv. 2
 Cor. blue

(16)
 1. of P. About 12 km. n.e. of
 Sta. Barbara; sabana

det. Alain

det. Alain

det. Alain Grassy edge of woods

F

Sabana

• 42698 *Angadenia berterii* 1
± scandent. Cor. light y

• 42699 *Borreria* ^{= verticillata} ~~microcephala~~ (A. R. S.) 1
Shrub to ± 20 cm. high; cor. wh

• 42700 *Buñia buxifera* L. 4
Tr. 4-5 m. high; stamens wh.

• 42701 *Eleocharis interstincta* 1
(Vahl) R. & S.

• 42702 *Persicaria* ~~Polygonum~~ *fund* 2
Fls. wh.

• 42703 *Mikania scandens* L. 1
Vine; infl. wh. Climbing up trees

• 42704 *Eclipta alba* (L.) Hassk. 1
Herb wh.

• 42705 *Urena lobata*! 2
Ex. h.; pet. pi

• 42706 *Ipomoea asarifolia* (Desr.) 2
± prostrate; cor. rich pi. R. & S.

9. P. : About 12 km. n.e. of
Sta. Barbara; sabanas.

2/9/53

F ^{land} Swampy along trail at end of road due north of hotel 2/12/53

Black mud

Fascet

Black mud

CAS

Lillo

Black mud

- 42707 *Ipomoea*
Vine; cor. deep pi
- 42708 *Melothria quadalupensis*
Vine; cor. y (Spreng.) Cogn.
- 42709 *Cyperus elegans* L.
- 42710 *Smilax havanensis* Jacq.
Vine, climbing on fence; fr. nearly globose, black
- 42711 *Eupatorium capillifolium*
Er. h., ± 1.5 m. high (Lam.) Small
- 42712 *Centrosema virginicum* (L.) Bth.
Lvs. entire; low vine, scarcely scandent; fls. bluish
- 42713 *Gerardia albida*
L. h.; cor. wh. (Britton & Small) Pennell
- 42714 *Dioscorea capillaris* Poir.
Pet. wh.
- 42714a. *Utricularia longiciliata* A. DC.
- 42715 *Ericaulon arenicola*
(Largest) Britton & Small
- 42715a. *Scleria reticularis*

Field
9. fl.: Swampy ^{land} along trail at end of road due north of hotel. 2/12/50

Black mud
UNICATE

F

W. o. h.

(9)

Dense grass-land at base of hill, with partly white sand, ± 3 km. south of Sta. Barbara ① 2/13/53

F

canal wood

~~mostly~~ mostly arborescent

Alain has

unrooted

42716 *Cuphea swartziana* 1
B. lax, suberect herb; pet. wh.

42717 *Ruellanthus heliotropus*? 0
Leaves glaucous, combed
with 42735

42718 *Pinguicula filifolia* C.Wr. 4
Cor. light blue

42719 *Pinguicula* " 1
Cor. pure wh.

42720 *Hypericum fasciculatum* 1
Sh. $\pm$ 75 cm. high; pet. y.

42721 *Silvinula humifusa* 1
(Griseb.) Pennell

42722 *Panicum parvifolium* Lam. 1

42722a. " ~~amblyanthus~~ 1
leucostachya Nash

42723 *Gatropha angustifolia* Griseb. 3
Erect sh, 40-70 cm. high; pet. (?) pi
lvs. variable

42724 *Galactia suberecta* Britton 1
Lax herb; pet. bluish

(9)

9.7 P. Dense grassland savannas, partly ^{2/13/50}
white sand, $\pm$ 3 km. so. of

(1) Sta. Barbara; marshy savannas

F

F

Along stream

F

In pool in stream

uninate

Savannas

+ alani

42725 *Lycopodium cernuum* L. 2

42726 " *carolinianum* L. 1
Stems closely appressed to ground

42727 *Hibiscus contatus* A. Rich. 1
Ex. sh. to 75 cm. high; pet. pi.

42728 *Commelina* 0
2 segments dark blue. Destroyed?

42729 *Emilia coccinea* (Linn.) Sweet 2
Fls. red

42730 *Rondeletia corraifolia* Swartz 1
Ex. sh. to 75 cm. high; cor. wh.

42731 *Dicranopteris flexuosa* 1
Ex. L. (Schrad. / Muhlens.)

42732 *Ruellia elongata*? 3
Cor. blue

42733 *Phyllanthus junceus* 0

(9)

9. of P. Sabanas, partly white sand,
± 3 km. so. of Sta. Beltrán ①

2/13/53

UNICATE

W. O. M.

UNICATE

all to Alan

42734 *Rynchospora wrightiana* 1
Boeckl.?

42734a. " sp. 1
42735 *Phyllanthus heliotropus* Griseb. 1

42736 " *polychadus* Urb. 0
det. Alain "promis"

42737 *Evolvulus sericeus* Sw. 1
Few-br. lax h.; cor. wh.

42738 *Stigmaphyllon sagaceum* 1
Er. suff. 1 fl.; pet. y

42739 *Paep. seslerioides* 3
Medium lvs.

42740 " " 4
Large lvs.

42741 *Xyris longibracteata* 5
Smallest Brit. old fls.

42741a ~~to~~ *Drosera tenuella* Willd. ? 1

42742 *Utricularia juncea* Vahl 1
Cor. y

(9)
9. *Y. pinnas*: White-sand pine 2/13/53
barrens, $\pm$ 4 km. so. of

united Sta Barbara
Fto Alam

F White sand barrens, $\pm$ 4 km.
so. of Sta. Barbara

(scape $\pm$ 1 cm. high) unisexual
Alain lvs

42743 *Eriocaulon arenicola*
Stiff lvs. Brit. small

3

9. fl. : white - sand pine barrens, 2/13/53
F ± 4 km. so. of Sta. Barbara

42744 *Eriocaulon ~~rostratum~~ violaceum*
E. l.; fl. y (Aust. H. Don)

1

UNICATE

42745 *Xyris ambigua* Beys.

3

Marshy bank of stream (3)

42746 *Sauvagesia brownii* Planch.
Pet wh. or pale pi.

4

F

42747 *Acisanthus glandulifera*
Weak l.; pet. pi. = *quadrata* Jennings

1

42748 *Eriocaulon simplex* Vahl

1

42749 *Clidemia hirta* (L.) D. Don
St. ± 2 m; viscid; pet. wh; fr. purple

2

42750 *Chaetolepis cubensis*
(A. Rich.) Tr.

1

42751 *Andropogon gracilis*
Spring.

1

Savanna near road (4)

42752 *Chamaecyparissus* *hypoleuca*

42753 *Metastelma linearifolium* Rich.
Climbing, low huds; cor. wh.

42754 *Paep. seslerioides*
Very stiff, large lvs

42755 *Pachyanthus cubensis* Rich.
Sm. T. 1.5-2 m. high; fl. pi

42756 *Abrus precatorius* L.
Vines, climbing shrubs.

42757 *Oreata elliptica* (Rich.) Mayr
Sh 90-120 cm. high; fl. y

42758 *Miconia delicatula* A. Rich.
Tree 2-2.5 m. high; fl. wh.; anthers y

42759 *Sterculia foetida* L.
"Baobab" tree; lvs. palmately compound; fr. hard shell
red, 4-7 cm. diam, 6 cm. long; seeds deep green.

42760 *Garcinia tinctoria* (DC.) Wright!
Tree, 4-7.5 m. high, with sticky latex; lvs glossy;
lvs. compound(?), rachis quadrangular; fruit
yellow, globose 5.5-6 cm. diam, pointed below apex, soft

⑦
9.7 P. : ~~Pico~~ Sabanas ± 2 Km (5) 2/13/53
+ Alam west of Sta. Barbara

5 F Staup

1 F

4 F

3 F

⑥
Sweetland Ranch, Santa
Barbara, Francisco de las Piedras.
Cult. about house; probably
introduced from the Guinean jungle

2/17/53
UNICATE

"Ancahuista" (! Morales)

42761 *Artocarpus integrifolia* Lf.

Small tree; fr. to 10 cm. long by 1 cm. diam.

42762 *Lamia silicea* Britton

Large leaves. Root to $\pm$ 4 cm. diam.

42763 *Asplenium tenuis* Griseb.

Fls. y.

42764 *Metastelma linearifolium* Rich.

Es. slender h; cor. wh.

42765 *Polypodium anacardium* L.

On palm

42766 *Dryopteris deltoidea* (Sw.)
Kuntze

42767 *Scleria Rynchospora cephalotricha*
Griseb.

42768 *Scleria reticularis* Mx.
Stems det. Core

42769 *Psychotria saundersii* Urban
Es. 8 or 10 m. h; fr. red

1 piece to Gray for Howard (6)

9.7. P.: Sweetland Ranch, Son

2/17/23

3d. tree Francisco de las Piedras;
cult. about house, etc.

Coll. by Mrs. F. Sweetland on
dry, high hills S.W. corner

of property

UNIQUE - Prichlands

with Mrs. Sweetland

UNIQUE

Woods along stream

Core has

Honduras

42770 *Phyllanthus heliotropus*
E. L.

2

Q. of P.: Sweetland Ranch; woods
along stream grassland

2/17/53

42771 *Coccythra guianensis*
Subprot. h; fr. blue " (Andl.) Schum.

1

Woods along stream

42772 *Blechnum occidentale* L. 1

42773 *Polygala squamifolia*
Fls. cream wh.

1

UNICATE Sabana

42774 ~~*Pithecellobium arboreum*~~
~~*Calliandra portoricensis* (Jacq.) Benth.~~
Tr. 3.5-4.5 m. high; stems green wh. Benth.

2

F

Along stream

42775 *Oenothera elliptica*
Sh or an. tr; petals bright y

2

42776 *Clidemia hirta*
Sh or an. tr, pet light pi; fr.

1

42777 *Phania curtissii* Robins.
Lvs h or subscandent; fls & styles pi

1

42778 *Octoblepharus albidus* 3
On wet bank 1 col. w.
Red. Crown

+ Alain

- 42779 *Apteria aptera* var. *lymenanthera*
Tree; ^{leaves} ~~corolla~~ ^{tr.} wh., lobes ^{tr.} pi. Black soil. / ↑
(Mig.) Gouker
- 42780 *Miconia macrophylla* (Don) Tr.
Tree; pet. pi.
- 42781 *Chloroma neglecta* D. Don
Tr.; pet. ~~pi.~~ wh or pale pi
- 42782 *Cassarea sylvestris* Sw.?
Shrub; pet. wh.
- 42783 *Davilla rugosa* Poir.
Tree.
- 42784 *Chamaecrista diplyzella*
- 42785 *Panicum anburne* Ashe
- 42786 *Crinum oliganthum* Urban
Per. sep. pure wh, tube green; ^{corolla} ~~corolla~~ ^{anthers} purple; ^{filaments} ~~filaments~~ ^{wh. below}
- 42787 *Xyris jupicai*

9. of P.: Sweetland Ranch; woods 2/17/53
along stream.

Pinelands

UNICATE

^{ditch} (5)
UNICATE Ditch along road to S. Francisco 2/18/53
de las Piedras near north end

42788 *Ipomoea liliacea* (Willd.) ^{Choisy}
Low vine; cor. pi, purple at center

42789 *Phyllanthus micranthus*
Er. h. a. Rich.

42790 *Sida cordifolia* L.
Er. h. 90-100 cm. high; fls. ± 1 cm. wide,
petals pinkish y, darker at base.

42791 *Mesochloa rosea*
Vine, low-climbing; cor. pi

42792 *Stigmaphyllon aegreanum*
Common; vine; pet. bright y

42793 *Malpighia cubensis* Kunth
Sh or sm. tr.; pet. wh.; lvs. covered with
malignant stinging hairs, like *Urtica*. "palo brueno"

42794 *Jatropha integerrima* Jacq.
Sh or sm. tree to 2 m; fls. pi; lvs. variable
in shape; fr. ± 1.2 cm. wide

42795 *Jussiaea suffruticosa* var.
ligustrifolia (HBK.)
Griseb. (! Kunth)

42796 *Jacquinia aculeata* (L.) Mez
Low sh ± 75 cm. high, with compact
crown

⑤
V. of P.: Ditch along road to S.
Francisco, near north end

2/18/53

+ Alain

②
CAS Along road due north of ~~San~~
~~Jose~~ Nueva Gerona

2/19/53

Sabana

①
F Marshy ground along trail ^{into swamp} at ± 2 km.
end of road ^{due} north of hotel

+ Alain

Many Black-mud swamp near coast

(Det. Hitchhins)
42797 *Jypha domingensis* Pers.

Culms & leaves to 2m. high; sp. infl.
 cinnamon-color, larger to 1.8 cm. diam.

42798 *Panicum geniculatum* Dorsk. 3
 In dense clumps

42799 *Echinochloa colomna*
 (L.) Link

42800

42801

42802

42803

42804

42805

9. fl. : Black-mud swamp at end of 2/19/53
 road due north of hotel, near
 coast

42

Cul

C

42

9nd

42

42

42

42

42

4280

4280

Ruellia 2494

Croton 2449 (cor pi)

Pinguicula 2296

Ipomoea sag. 2324

Sabbatia 2325,

Scleria 2333

Helianthus 2585 - should 2355

Dipsosaurus 2361

Hypoxis (nw of 9m) 2358

Tragia 2441

Heliot. leavens. 2442

